SOUTHERN MISS

2000-2001
Undergraduate Bulletin

Undergraduate Bulletin 2000-2001

The University of Southern Mississippi
Hattiesburg, Mississippi 39406

GENERAL CATALOG ISSUE

UNDERGRADUATE PROGRAMS

ANNOUNCEMENTS

2000-2001

FALL SEMESTER OPENS AUGUST 21, 2000

The University of Southern Mississippi Bulletin (USPS-652-260)

Published quarterly by The University of Southern Mississippi, Hattiesburg,

Mississippi. Periodical Class Postage Paid at Hattiesburg, Mississippi, 39402-9998.

POSTMASTER: Send address change to The University of Southern Mississippi

Box 5166, Hattiesburg, MS 39406-5166

The University of Southern Mississippi offers equal educational and employment opportunities to all persons without regard to age, sex, religion, color, or national origin. These provisions also apply to disabled individuals pursuant to current federal and state regulations subject to reasonable standards of admission and employment. All inquiries concerning discrimination should be directed to the Vice President for Administrative Affairs, 103 Administration Building, The University of Southern Mississippi, Hattiesburg, Mississippi 39406-5177.

Information contained in this publication is subject to change without prior notice. Any changes in this publication are on file in the President's Office. Information contained herein shall not constitute a binding agreement on the part of The University of Southern Mississippi.

The University of Southern Mississippi uses a portion of educational and general funds, including tuition and fees, for operating costs, including merit scholarships.

Students at The University of Southern Mississippi are responsible for knowing and complying with all requirements for their respective degrees as stated herein.

The colors of the University are black and gold.

The mascot is the Golden Eagle.

This bulletin was produced using EPA recommended standard recycled paper containing 40 percent waste product and printed with soy bean based ink. OUR 12/99/bjd

VOLUME 87 NUMBER 2

(Published December 1, 1999)

The Contents

Academic Calendar 1-2
Introduction 3
Admission to the University 10
Student Expenses and Financial Aid 20
Student Life 57
General Academic Information 65
General Degree Requirements 72
Academic Organization 81
College of The Arts 85
College of Business Administration 119
College of Education and Psychology 141
College of Health and Human Sciences 161
College of International and Continuing Education 191
College of Liberal Arts 203
College of Nursing 265
College of Science and Technology 271
Institute of Marine Sciences 331
Honors College 335
The University of Southern Mississippi Gulf Coast 339
Course Descriptions 343
Administration and Faculty 455
Index 489

Correspondence

Requests for a **Bulletin**, an application form, or information concerning admissions policies and procedures, room and board, and tuition may be addressed to:

Dean of Admissions
The University of Southern Mississippi
Box 5166
Hattiesburg, Mississippi 39406-5166

website: http://www.usm.edu
mailto: admissions@usm.edu

Other correspondence may be addressed as follows:

Dean, College of The Arts
Box 5031

Dean, College of Business Administration
Box 5021

Dean, College of Education and Psychology
Box 5023

Dean, College of Health and Human Sciences
Box 10075

Dean, College of International and Continuing Education
Box 10047

Dean, College of Liberal Arts
Box 5004

Dean, College of Nursing
Box 5095

Dean, College of Science and Technology
Box 5165

Dean, Honors College
Box 5162

The University of Southern Mississippi
Hattiesburg, Mississippi 39406

Academic Calendar

SUMMER 2000

Monday - Friday, March 13 - 17	Advisement in departments
Monday - Sunday, March 20 - 26	Southern's Telephone Assisted Registration System (S.T.A.R.S.) by registration window
Friday, May 12	Application deadline for new students
Thursday, May 25	Final orientation and registration for new undergraduate students Residence halls open
Friday, May 26	Registration for new graduate, reapplying, and continuing students
Monday, May 29	Memorial Day Holiday, night classes meet
Tuesday, May 30	Classes begin
Tuesday, June 27	Mid-point in Summer Semester
Tuesday, July 4	Independence Day Holiday, night classes meet
Friday, July 21	Last day to file application for degree for Fall, 2000 Commencement
Friday, July 28	Examinations for second-term (SS) classes
Monday-Friday July 31 - Aug 4	Examinations for full-term classes (including night classes)
Friday, August 4 2:30/6:30 pm	Commencement, Green Coliseum
Saturday, August 5	Residence halls close

FALL 2000

Monday - Friday, March 13 - 17	Advisement in departments
Monday - Friday, March 27 - April 14	Southern's Telephone Assisted Registration System (S.T.A.R.S.) by registration window
Friday, August 4	Application deadline for new students
Thursday, August 17	Final orientation and registration for new undergraduate students Residence halls open
Friday, August 18	Registration for new graduate, reapplying, and continuing students
Monday, August 21	Classes begin
Monday, September 4	Labor Day Holiday Monday day and night classes will not meet
Friday, October 13	Mid-point in Fall Semester
Friday, November 3	Last day to file application for degree for Spring, 2001 Commencement
Wednesday, November 22 6:00 p.m.	Thanksgiving Holidays begin Night classes do not meet
Monday, November 27	Classes resume
Tuesday, December 5	Tuesday night examinations
Monday-Friday December 11-15	Examinations for full-term and second-term (SS) classes (including Monday, Wednesday, and Thursday night classes)
Friday, December 15 2:30/6:30 pm	Commencement, Green Coliseum
Saturday, December 16	Residence halls close

SPRING 2001

Monday-Friday, October 16 - 20, 2000	Advisement in departments
Monday - Friday, October 23 - Nov. 3, 2000	Southern's Telephone Assisted Registration System (S.T.A.R.S.) by registration window
Friday, December 15, 2000	Application deadline for new students
Thursday, January 4, 2001	Final orientation and registration for new undergraduate students Residence halls open
Friday, January 5	Registration for new graduate, reapplying, and continuing students
Monday, January 8	Classes begin
Monday, January 15	Martin Luther King, Jr.'s Birthday (observed) Monday day and night classes will not meet
Tuesday, February 27	Mardi Gras Holiday Tuesday day and night classes will not meet
Friday, March 2	Mid-point in Spring Semester
Monday, March 5	Second-term (SS) classes begin
Monday-Friday, March 12-16	Spring Holidays
Monday, March 19	Classes resume
Friday, March 30	USM Day
Thursday, April 12	Last day to file application for degree for Summer, 2001 Commencement
Friday, April 13	Good Friday Holiday
Wednesday, May 2	Wednesday night class examinations
Thursday, May 3	Thursday night class examinations
Friday, May 4	Final exams for second-term (SS) classes
Monday-Friday, May 7 - 11	Examinations (day classes)
Monday, May 7	Monday night class examinations
Tuesday, May 8	Tuesday night class examinations
Friday, May 11 2:30/6:30 pm	Commencement, Green Coliseum
Saturday, May 12	Residence halls close

SUMMER 2001

Monday-Friday, March 19 - 23	Advisement in departments
Monday-Friday, March 26 - 30	Southern's Telephone Assisted Registration System (S.T.A.R.S.) by registration window
Friday, May 11	Application deadline for new students
Thursday, May 24	Final orientation and registration for new undergraduate students Residence halls open
Friday, May 25	Registration for new graduate, reapplying, and continuing students
Monday, May 28	Memorial Day Holiday, night classes will meet
Tuesday, May 29	Classes begin
Tuesday, June 26	Mid-point in Summer Semester
Wednesday, July 4	Independence Day Holiday (observed) Wednesday night classes will meet
Friday, July 20	Last day to file application for degree for Fall, 2001 Commencement
Friday, July 27	Examinations for second-term (SS) classes
Monday-Friday July 30 - August 3	Examinations for full-term classes (including night classes)
Friday, August 3 2:30/6:30 pm	Commencement, Green Coliseum
Saturday, August 4	Residence halls close

Introduction

The University of Southern Mississippi and its Board of Trustees were established by an act of the Legislature approved on March 30, 1910, by Governor Edmund F. Noel. Its first name was the Mississippi Normal College, and its original purpose was to train teachers for the rural schools of Mississippi. On February 2, 1932, the Legislature established the Board of Trustees of State Institutions of Higher Learning and placed under its jurisdiction the five colleges and one university owned and operated by the state. On November 3, 1942, the people of the state voted to make the Board of Trustees of State Institutions of Higher Learning a constitutional board for all colleges and universities of the state. The University of Southern Mississippi is now operated under the jurisdiction of that constitutional board.

The act of March 30, 1910, did not provide any state money for the building of Mississippi Normal College, but did provide that localities in the state might bid for its location by offering land for a site and money for constructing buildings. On September 16, 1910, the Board of Trustees accepted the bid of Hattiesburg and Forrest County to supply $250,000.00 and a free site. That site was west of the city in cut-over timberland with great pine stumps everywhere. Contracts were let to clear the land and to build buildings.

The five permanent buildings (College Hall, Forrest County Hall, Hattiesburg Hall, the Industrial Cottage [now the Honor House], and the President's Home [now the Alumni House]), a temporary wooden Dining Hall, and other necessary improvements were barely finished when the Mississippi Normal College opened on the rainy morning of September 18, 1912, with a president, a faculty of eighteen, and a student body of 200.

On October 17, 1911, Joseph Anderson Cook, Superintendent of Schools, Columbus, Mississippi, was elected president. The University of Southern Mississippi has had only seven presidents since its founding. The Board of Trustees elected Claude Bennett president effective October 10, 1928. On April 23, 1933, the Board of Trustees elected Dr. Jennings Burton George as the third president, effective July 1, 1933. On June 13, 1945, the Board of Trustees elected Dr. Robert Cecil Cook as the fourth president and he officially assumed office on July 1, 1945. On October 21, 1954, President Cook submitted his resignation. He served until December 31, 1954, and Dr. Richard Aubrey McLemore became acting president on January 1, 1955. The Board of Trustees, on May 19, 1955, elected Dr. William David McCain as the fifth president. He officially assumed office on August 1, 1955, and retired as of June 30, 1975. Dr. Aubrey Keith Lucas became the sixth president of the University on July 1, 1975, and served until December 31, 1996, the longest tenure of any president. Dr. Horace Weldon Fleming, Jr., was appointed as the seventh president, assuming office on January 1, 1997.

As has been stated, The University of Southern Mississippi was founded on March 30, 1910, as the Mississippi Normal College. On March 7, 1924, the Legislature changed the name to State Teachers College. On February 8, 1940, the Legislature changed the name to Mississippi Southern College, and on February 27,1962, the Legislature changed the name to The University of Southern Mississippi.

The Mississippi Normal College did not grant degrees in its early years, but awarded certificates for the completion of certain specified courses of study. On April 8, 1922, the Legislature authorized the awarding of the Bachelor of Science degree. The Bachelor of Music degree was authorized by the Board of Trustees on June 19, 1934. The first Bachelor of Arts degree was awarded on August 20, 1940. On May 26, 1947, the Board of Trustees authorized the initiation of graduate work and the awarding of the Master of Arts degree. In the years since 1947, the University's graduate programs have developed logically to meet the needs for professional competence beyond the academic measure of the baccalaureate degree. Doctoral programs were first authorized by the Board of Trustees on May 20, 1959. The administrative and academic organization of The University of Southern Mississippi is divided into the following areas: Vice President for Academic Affairs, Vice President for Administrative Affairs, Vice President for Research and Planning, Vice President for Business and Finance, Vice President for Student Affairs, and Director of Intercollegiate Athletics. The academic area of The University of Southern Mississippi is organized into the College of The Arts, the College of Business Administration, the College of Education and Psychology, the College of Health and Human Sciences, the College of Liberal Arts, the College of Nursing, the College of Science and Technology, the Honors College, the Graduate School, and the College of International and Continuing Education. The number of graduates is some measure of the growth of a university. The University of Southern Mississippi has awarded 103,657 degrees since the first one was conferred in 1922.

Purpose Statement

The University of Southern Mississippi recognizes the interdependence of teaching, research, and service. It is therefore dedicated to the pursuit of excellence in each of these areas, as well as in its support operations, with the goal of achieving and maintaining the highest possible quality throughout the university.

The University of Southern Mississippi is committed to quality education. In its undergraduate programs and in its graduate and professional programs that aim for national distinction, it seeks to educate students who will be well trained in their chosen profession, whose critical thinking skills and respect for learning will foster lifelong learning, and who recognize their obligation to contribute to their society—whether local, national, or international.

This education will be provided by a community of scholars who are dedicated to high standards of original inquiry and creative expression and to the principles of intellectual freedom. The university affirms its support for sound research, scholarship, and creative activity that will expand the boundaries of human knowledge, inspire superior teaching, and in their applications improve the quality of life of the citizens of Mississippi and the world.

With the understanding that teaching and research must complement service to society, the University of Southern Mississippi pledges to pursue its goals in an educational atmosphere that affirms a commitment to the preservation of our planet's environment and a recognition of the increasing importance of international understanding. The University teaches respect for diversity of ideas, beliefs, and cultures, as well as for the cultural heritage of its own constituents'. It seeks to attract and nurture a faculty, staff, and student body who reflect this diversity, while working always to enhance life locally and regionally. In short, the University of Southern Mississippi strives for excellence.

The University of Southern Mississippi values quality teaching and intellectual achievement, research and creative expression, personal development, quality programs and services, and the maximum use of resources. These values are supported by the following goals:

- Commitment to quality teaching and intellectual achievement by encouraging learning based on rational inquiry, problem solving, challenge, creativity, and intellectual initiative; developing an appreciation of culture and the liberal arts; attracting and retaining a highly qualified and diverse faculty, staff, and student body; and creating an appreciation for diversity .
- Commitment to research and creative expression by preserving and refining existing bodies of knowledge and expanding and communicating new knowledge.
- Commitment to personal development by creating a supportive environment characterized by opportunities for leadership development; enhancing communication skills; developing cooperative attitudes in problem solving through team-work methods; creating an awareness of the responsibility of a citizen in a democratic society; promoting healthy lifestyles within the University community; encouraging students to become supporting alumni; providing opportunities for developing career goals; demonstrating competence and integrity; developing an understanding of the complexities of differing cultural values in a global environment; and creating an understanding of international problems.
- Commitment to quality programs and services by giving attention to our alumni and other constituents; increasing financial support for the University; maintaining efficient student services; providing a safe, well-maintained environment; maintaining an athletic program that instills pride and generates positive recognition; enhancing University public service to the community; and developing practices that protect and preserve our environment.
- Commitment to maximizing resources through technology utilization by continuing to improve the equipment, physical facilities, and library resources of the University; utilizing appropriate technologies to deliver programs more effectively; and advocating the usage of modern technology.

Accrediting Agencies

The University of Southern Mississippi is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award Bachelor's, Master's, Specialist's, and Doctoral degrees.

Specific programs as noted in the bulletin have been accredited by the following accreditation agencies:

AACSB–THE INTERNATIONAL ASSOCIATION FOR MANAGEMENT EDUCATION
600 Emerson Road, Suite 300
St. Louis, MO 63141-6762 USA
(314) 872-8507 WEB:http://www.aacsb.edu

ACCREDITING COUNCIL ON EDUCATION IN JOURNALISM AND MASS COMMUNICATION
School of Journalism
Stauffer-Flint Hall
University of Kansas
Lawrence, KS 66045
(913) 864-3973

AMERICAN ASSOCIATION OF FAMILY AND CONSUMER SCIENCES
1555 King Street
Alexanderia, VA 22314
(703) 706-4600

AMERICAN CHEMICAL SOCIETY
1155 16th St. NW
Washington, DC 20036
(202) 872-4600

AMERICAN KINESIOTHERAPY ASSOCIATION, INCORPORATED
P.O. Box 614
Wheeling, IL 60090
1-800-296-2582

AMERICAN PSYCHOLOGICAL ASSOCIATION (APA)
750 First Street, NE
Washington, DC 20002-4242
(202) 336-5500

AMERICAN SPEECH-LANGUAGE-HEARING ASSOCIATION
10801 Rockville Pike
Rockville, MD 20852
(301) 897-5700

COMMISSION ON ACCREDITATION/APPROVAL FOR DIETETICS EDUCATION OF THE AMERICAN DIETETIC ASSOCIATION
216 West Jackson Boulevard
Chicago, IL 60606-6995
(312) 899-4876

COMMISSION ON COLLEGIATE NURSING EDUCATION
One Dupont Circle NW
Suite 530
Washington, DC 20036-1120
(202) 887-6791

COMPUTING SCIENCES ACCREDITATION BOARD, INC.
2 Landmark Square, Suite 209
Stamford, CT 06901
(203) 975-1117

COUNCIL FOR ACCREDITATION OF COUNSELING AND RELATED EDUCATION PROGRAMS (CACREP)
5999 Stevenson Avenue
Alexandria, VA 22304
(703) 823-9800

COUNCIL ON ACCREDITATION OF ALLIED HEALTH EDUCATION PROGRAMS (ATHLETIC TRAINING)
35 East Wacker, Suite 1970
Chicago, IL 60601-2208
(312) 553-9355

COUNCIL ON ACCREDITATION OF THE NATIONAL RECREATION AND PARK ASSOCIATION
22377 Belmont Ridge Road
Ashburn, VA 20148
(703) 858-0784

COUNCIL ON EDUCATION OF THE DEAF
405 White Hall
Kent State University
Kent, OH 44242-0001
(330) 672-2294

COUNCIL ON SOCIAL WORK EDUCATION
1600 Duke Street, Suite 300
Alexandria, VA 22314-3421
(703) 683-8080

FOUNDATION FOR INTERIOR DESIGN EDUCATION RESEARCH
60 Monroe Center NW, Suite 300
Grand Rapids, MI 49503-2920
(616) 458-0400

NATIONAL ACCREDITING AGENCY FOR CLINICAL LAB SCIENCES
8410 W. Byrn Mawr Ave., Suite 670
Chicago, IL 60631
(773) 714-8880

NATIONAL ASSOCIATION OF SCHOOL PSYCHOLOGISTS (NASP)
4340 East West Highway
Suite 402
Bethesda, MS 30814
(301) 657-0270

NATIONAL ASSOCIATION OF SCHOOLS OF ART AND DESIGN
11250 Roger Bacon Drive, Suite 21
Reston, VA 22090
(703) 437-0700

NATIONAL ASSOCIATION OF SCHOOLS OF DANCE
11250 Roger Bacon Drive, Suite 21
Reston, VA 22090
(703) 437-0700

NATIONAL ASSOCIATION OF SCHOOLS OF MUSIC
11250 Roger Bacon Drive, Suite 21
Reston, VA 22090
(703) 437-0700

NATIONAL ASSOCIATION OF SCHOOLS OF THEATRE
11250 Roger Bacon Drive, Suite 21
Reston, VA 22090
(703) 437-0700

NATIONAL COUNCIL FOR ACCREDITATION OF TEACHER EDUCATION (NCATE)
2010 Massachusetts Avenue, NW
Suite 500
Washington, DC 20036-1023
(202) 296-6620

NATIONAL LEAGUE FOR NURSING ACCREDITING COMMISSION
350 Hudson Street
New York, NY 10014
(800) 669-9656 Ext. 153

TECHNOLOGY ACCREDITATION COMMISSION OF THE ACCREDITATION BOARD FOR ENGINEERING AND TECHNOLOGY, INC.
111 Market Place, Suite 1050
Baltimore, MD 21202
(410) 347-7700

USM also maintains affiliation with the Council of Graduate Schools, One DuPont Circle, N.W., Suite 430, Washington, DC 20036-1173, (202)223-3791.

USM Libraries

Library services at The University of Southern Mississippi are provided at five locations: the Joseph Anderson Cook Library, the William David McCain Library and Archives, the Richard G. Cox Library, the Gunn Education Materials Center, and the Music Resources Center.

The Joseph Anderson Cook Library

The Joseph Anderson Cook Library contains the principal collections of books, journals, microforms, media, and other materials which support the research and instructional programs of the University at all levels. Book stacks and reading areas are intermingled throughout the building, and the open shelf method of access to materials is utilized. Access is provided to a variety of fulltext databases, bibliographic databases, and Internet resources on a wide range of subjects. The collections are arranged according to the Library of Congress Classification System. The Library is currently acquiring approximately 23,000 new volumes annually and maintaining 5,000 current journal subscriptions.

The William David McCain Library and Archives

The William David McCain Library and Archives houses the special collections and archives of The University of Southern Mississippi. Resources are available for use by the public and the University community in the Cleanth Brooks Reading Room. Materials housed in this facility do not circulate outside the building. The online catalog and other descriptive finding aids serve as points of access to the collections. Among the notable holdings of McCain Library and Archives are the Mississippiana and Genealogy Collections; the de Grummond Children's Literature Collection; the papers of Williams M. Colmer, Theodore G. Bilbo, and Paul B. Johnson; the Walen Collection of Confederate and Civil War History; and the Cleanth Brooks Collection of belles lettres.

The Richard G. Cox Library

The Richard Cox Library serves as a resource center for the Gulf Coast Regional Campus. It contains collections of print and non-print materials which directly support the instructional program and include 37,000 volumes in the Curriculum Lab. The Library currently subscribes to almost 400 serial titles with online, fulltext access to many others. Holdings on the Gulf Coast campus are supplemented by the print and electronic resources of the Hattiesburg campus.

The Gunn Education Materials Center

The Gunn Education Materials Center, located in Owings-McQuagge Hall, contains books and other printed materials, audiovisuals, and computer software which directly support the teacher education K-12 program and graduate education programs.

The Music Resource Center

Located in the Performing Arts Center, the Music Resource Center offers an extensive collection of recordings in various formats. Listening equipment and scores are also housed in the Center.

The University of Southern Mississippi Museum of Art

The University of Southern Mississippi Museum of Art was established by the university's Board of Trustees in July of 1997, after an extensive renovation expanded the exhibition space of the facility. The Museum of Art is composed of three exhibition galleries: the C. W. Woods Art Gallery, the Lok Exhibition Gallery, and Gallery II. The museum is located on the campus of The University of Southern Mississippi near the university's main entrance.

The USM Museum of Art dedicates itself to presenting many of the finest art exhibitions in the state of Mississippi. Not only do contemporary artists from around the country exhibit in the Museum's galleries, but the list of historically important artists whose work has been exhibited in the Museum in 1997-1998 is long and varied–Walter Anderson, Thomas Hart Benton, Dusti Bonge, Paul Cadmus, Honore Daumier, Philip Guston, Seymour Haden, Winslow Homer, Walt Kuhn, Andrea Mantegna, Henry Moore, Robert Motherwell, Alice Neel, Fairfield Porter, Rembrandt van Rijn, Henri de Toulouse-Lautrec, James Abbott McNeill Whistler, and Anders Zorn.

The USM Museum of Art's permanent collection is one of the finest in the state of Mississippi. Many of the best known artists to have worked or lived in Mississippi are in the collection–Richmond Barthe, Walter Anderson, Marie Hull, and Dusti Bonge. Additionally, the USM Museum of Art organizes a variety of tours of major exhibitions and sites throughout the United States and Europe.

For more information about the USM Museum of Art, please call (601)266-5200.

Other General Information and Services

Bulletins

The University of Southern Mississippi has four publications each year; the **Undergraduate Bulletin**, the **Graduate Bulletin**, the **Independent Study Bulletin**, and the **Regional Campus Publication**. To acquire the complete programs of the University, please check each publication.

Family Educational Rights and Privacy Act of 1974 as amended (FERPA)

The Family Educational Rights and Privacy Act of 1974 as amended deals with one subject only: educational records. The purpose of the law is to define, more precisely than ever has been done, who may or may not see them. On the one hand, the law grants students guaranteed access; on the other hand, it takes from the universities the privilege of indiscriminate disclosure.

The FERPA sets forth these main requirements:

1. it allows a student access to each educational record that a university or college keeps on him or her;
2. it requires the institution to establish a policy on how students can go about seeing specific records;
3. it requires the institution to inform all students as to what rights they have under the Amendment, how they can act on these rights according to school policy, and how they can see a copy of the policy; and
4. it requires the institution to seek student permission, in writing, before disclosing any personally identifiable record to individuals other than professional personnel employed in the university or college (and others who meet certain specified requirements).

The University has developed and put into writing a policy for handling requests from students and for disclosing personally identifiable information about students. Students are notified of their rights under the law by publishing the University policy in the student handbook.

Oak Ridge Associated Universities

Since 1992, students and faculty of The University of Southern Mississippi have benefited from its membership in Oak Ridge Associated Universities (ORAU). ORAU is a consortium of 87 colleges and universities and a contractor for the U.S. Department of Energy (DOE) located in Oak Ridge, Tennessee. ORAU works with its member institutions to help their students and faculty gain access to federal research facilities throughout the country; to keep its members informed about opportunities for fellowship, scholarship, and research appointments; and to organize research alliances among its members.

Through the Oak Ridge Institute for Science and Education, the DOE facility that ORAU manages, undergraduates, graduates, postgraduates, as well as faculty enjoy access to a multitude of opportunities for study and research. Students can participate in programs covering a wide variety of disciplines including business, earth sciences, epidemiology, engineering, physics, geological sciences, pharmacology, ocean sciences, biomedical sciences, nuclear chemistry, and mathematics. Appointment and program length range from one month to four years. Many of these programs are especially designed to increase the numbers of underrepresented minority students pursuing degrees in science- and engineering-related disciplines. A comprehensive listing of these programs and other opportunities, their disciplines, and details on locations and benefits can be found in the *Resource Guide*, which is available at http://www.gov/orise/resgd.htm or by calling either of the contacts below.

ORAU's Office of Partnership Development seeks opportunities for partnerships and alliances among ORAU's members, private industry, and major federal facilities. Activities include faculty development programs, such as the Ralph E. Powe Junior Faculty Enhancement Awards, the Visiting Industrial Scientist Program, and various services to chief research officers.

For more information about ORAU and its programs, contact Dr. Donald R. Cotten, ORAU Councilor for The University of Southern Mississippi, at 601-266-5116, or contact Monnie E. Champion, ORAU Corporate Secretary, at 423-576-3306; or visit the ORAU Home Page (http://www.orau.gov).

Rehabilitation Act of 1973 and the Americans with Disabilities Act

The University of Southern Mississippi complies with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disability Act. No otherwise qualified handicapped person, solely on the basis of handicap, will be excluded from participation in, be denied the benefits of, or be subjected to discrimination in the administration of any educational program or activity including admission or access thereto or in treatment or employment therein by the University of Southern Mississippi. All reasonable accommodations must be approved through the Office for Disability Accommodations (ODA) or The University 504/ADA Compliance Officer. If you need assistance in reasonably accommodating a disability in the classroom or on campus, please contact the Coordinator of the ODA at 266-5024 or the Compliance Officer at 266-5163.

Retention of Students and Program Completion Information

A University fact book which includes information on retention and graduation is in the University library and is available upon request.

University Press of Mississippi

The University Press of Mississippi was founded in 1970 to encourage the dissemination of the fruits of research and study through the publication of scholarly works. Functioning as the scholarly publishing arm of the state-supported universities in Mississippi, The University Press is governed by a Board of Directors made up of one representative from each of the eight state universities, one representative from the Board of Trustees of State Institutions of Higher Learning, and the director of the Press.

The University Press publishes more than fifty books each year. Primary areas of interest are Mississippi history and literature, but manuscripts in all areas of study are welcomed.

Administrative offices of the University Press are located in the Education and Research Center of Mississippi, 3825 Ridgewood Road, Jackson, Mississippi, 39211.

University of Southern Mississippi Alumni Association

The Alumni Association was established in 1917 as an organization mainly involved in functions relating to placement service. Since its rebirth in 1946, when the Executive Committee recognized the need for a working Alumni Association with organized alumni groups in the various counties of the state, the Association has operated in its present form, serving as a link between the University and its former students.

Southern Miss graduates and former students are encouraged to become active in the Alumni Association and its support of the University's various academic and athletic programs. Of approximately 97,000 graduates since the University's founding, the Alumni Association has enlisted in excess of 21,000 paid members for the past several years.

The Association provides a number of benefits to its members, including a subscription to the quarterly **The Talon** magazine, which helps graduates stay informed on campus developments and provides updates on former classmates. Other benefits include a waiver of out-of-state tuition fees for children of members who meet certain requirements, receipt of mailings on area alumni chapter meetings, library privileges, car decals, eligibility to join the USM Credit Union, and various other special events.

The Association is very active in developing other programs to support all areas of the University. Some of these include organizing joint district Eagle Club meetings in conjunction with the Athletic Department, sponsoring high school student nights across Mississippi and the surrounding states, and organizing both athletic road game trips and educational excursions to such locations as Switzerland and England.

The Alumni Association also sponsored the drive to raise the funds necessary for the construction of the first R. C. Cook University Union Building, helped set up the USM Foundation (the receptacle for all gifts to the University), and organized the Student Alumni Association, an organization comprised of hard-working, enthusiastic students involved in a variety of activities each semester to promote the University.

Organized Alumni chapters are urged to hold a meeting each year for the election of officers on or around March 30, the date selected by the Association as USM Day in commemoration of the founding of the University on that date in 1910. All former students of USM are encouraged to get together in honor of the University on this date.

Admission to the University

All communications regarding entrance to the undergraduate colleges and schools of the University should be addressed to the Office of Admissions, The University of Southern Mississippi, Box 5166, Hattiesburg, MS 39406-5166.

Eligibility for admission will be determined when the application, ACT/SAT score, and scholastic records have been submitted. These items should be received before the deadline date of the semester for which the student is applying (see Calendar). The academic record, character, and conditions of application of the applicant must be in accordance with the rules and regulations of the Board of Trustees of State Institutions of Higher Learning and with the laws of the State of Mississippi. The applicant must have excellent moral character and must be willing to conduct his or her affairs so as to be a credit to the University. The University reserves the right to cancel the admission or registration of an individual whose attendance at the University, in the opinion of the appropriate administrative officer and the President, would not be mutually beneficial to himself or herself and to the institution. Any undergraduate applicant who is denied admission to the University may have his or her case reviewed by the Undergraduate Committee for Admissions and Credits. To initiate the review procedure, the student should contact the Office of Admissions. Applicants should note carefully the law governing legal residence and the penalty for falsifying residence information. The law appears in the STUDENT EXPENSES Section of this **Bulletin. The University of Southern Mississippi does not discriminate on grounds of age, sex, race, color, religion, or national origin. These provisions also apply to disabled individuals pursuant to current federal and state regulations subject to reasonable standards of admission and employment. All inquiries concerning discrimination should be referred to the Vice President for Administrative Affairs, Room 108, Administration Building, The University of Southern Mississippi, Hattiesburg, Mississippi 39406-5177.**

Admission requirements are subject to change as mandated by the Board of Trustees, State Institutions of Higher Learning, without prior notification.

Application Procedures for Freshmen

How to Apply

Each entering freshman applicant is required to:

1. Present an application for admission.
2. Submit an official high school transcript which lists the date of graduation, class rank, and grade point average and which indicates credit in the following College Preparatory Core (CPC) units in grades 9-12:

Subject		
English	4 units	(All must require substantial communication skills)
Mathematics	3 units	(Includes Alg I, Geom, Alg II or a higher math)
Sciences	3 units	(Choose from Bio, Chem, Physics, or their advanced sequences, or any other course of comparable rigor and content. Two must be lab based.)
Social Studies	3 units	(Must include 1 unit of American History, 1 unit of World History, 1/2 unit of Government, and 1/2 unit of either Economics or Geography.)
Required Electives	2 units	(1 unit must be either a foreign language or World Geography. The second unit can be either a foreign language, World Geography or a 4th math or 4th science unit.)
Computer Application	1/2 unit	(Computer competency cited on the transcript will meet this requirement.)

Algebra I or a foreign language taken in the 8th grade will be accepted toward meeting admission requirements.

For an applicant to be fully admitted to USM, one of the following combinations of curriculum, testing scores, and grade point average must be attained:

1. Complete CPC with minimum 3.20 GPA and submit ACT or SAT; or,
2. Complete CPC with minimum 2.50 GPA or in top 50% of class and 16 or higher ACT, or the SAT equivalent; or,
3. Complete CPC with minimum 2.00 GPA and 18 ACT or the SAT equivalent.

If an applicant meets all of the above requirements except for the full CPC, he/she may be admitted with up to two curriculum deficiencies (but no more than one in any allowable area; English and Mathematics areas are not allowed deficiencies.) Students may also be considered as per NCAA IA eligibility criteria.

Freshman applicants who do not meet the above listed standards may be required to participate in a screening process that will include the diagnostic test, ACCUPLACER. Depending on the level of development diagnosed through ACCUPLACER and other factors assessed through screening, applicants may be moved directly into a full admission category. Those students will be encouraged to participate in an Academic Support Program. If the ACCUPLACER and other factors indicate the need for remediation, those applicants will be fully admitted with deficiencies for the Summer term and will be required to enroll in a **Summer Developmental Program** designed to strengthen the student's skills in areas requiring remediation. Students who successfully complete this summer program, by passing all Summer Developmental courses, will be considered to have made satisfactory academic progress and will continue their regular programs of study during the fall term with mandatory participation in the Academic Support Program. Students who fail to complete the Summer Developmental Program are considered to have made unsatisfactory academic progress and are not eligible for enrollment in the regular academic year. These students will be counseled to explore other post-secondary opportunities. The Summer Developmental Program will consist of the following individualized courses: English, reading, mathematics and support labs. The individual courses are three (3) credit hours and each lab will be one (1) hour. Students carrying a course load of 12 semester hours will be considered full time.

Realizing that applicants from other states and countries may not have the same curriculum opportunities as our instate applicants, those students will be required to achieve curriculum standards that would be considered equivalent in rigor and content to the College Preparatory Core.

When to Apply

A high school student, especially one who is also applying for financial aid, is urged to apply for admission early in his or her senior year. The applicant should have his or her high school mail to the Office of Admissions a transcript complete for his or her first six semesters. This transcript should have clearly posted the current grade point average, class rank and should list the courses for which the student is currently enrolled. A student who applies during his or her final senior semester should provide a transcript complete for the first seven semesters. The deadline for receipt of applications and all required credentials, including results of the ACT/SAT, is twenty (20) days in advance of the session for which the application is being made. An application is processed as soon as possible after all required items are available. A notification of admission is then issued to the admissible student.

Application Procedures for Transfer Students

How to Apply

Each new student who has attended other colleges or universities and who is seeking admission to an undergraduate college is required to file with the Office of Admissions an application for admission. He or she should also request the authorities at each institution attended to send an official transcript of his or her record to the Office of Admissions. The student who is applying with fewer than the twenty-four (24) semester hours of college credit required for admission as a transfer must also have sent to the Office of Admissions an official high school transcript showing the date of graduation. The applicant must also provide an official report of the ACT/SAT scores directly from the testing service. Applications will be processed and admission status determined when all required items, including the ACT/SAT where applicable, are on file.

Any prospective transfer students who have achieved all of the standards as specified by the Board of Trustees for admission to the universities under the governance of the Board of Trustees but who choose to attend an institution not under the governance of the Board of Trustees may transfer at any time to an institution under the Board of Trustees. This does not alter individual institutional requirements regarding transfer students.

Any student who did not meet freshman requirements at the time of high school graduation must attend an accredited institution of higher learning other than those under the governance of the Board of Trustees and must attain a C average (2.0 GPA on a 4.0 scale) in the following twenty-four (24) semester credit hours:

6 semester hours English Composition
3 semester hours College Algebra or a higher math course
6 semester hours Laboratory Science
9 semester hours Transferable Electives

The applicant also must show that he or she has earned an overall GPA of 2.0 on all course work attempted or have an earned associate degree (or its equivalent) from an accredited institution. Developmental courses in English, mathematics, and reading will not be accepted for transfer credit, nor will the grades and hours be used in computation of the individual GPA for admission to the University. Some programs require that students meet more selective standards than those posted above.

Transfer students may be accepted from other institutions of higher learning only when the program of the transferring institution is acceptable to the receiving institution, the program of studies completed by the student meets the requirements established above, and the quality of work performed by the student is acceptable to the Board of Trustees. The authorities at the institutions under the jurisdiction of this Board are authorized to require acceptable scores on recognized tests for such transfer students. No student seeking to transfer during the midst of the session, quarter, semester, or trimester of the institution in which he or she is currently enrolled can be considered.

A student currently enrolled in another institution at the time he or she makes application for admission for the following session to one of the undergraduate colleges of this University should arrange to have forwarded to the Office of Admissions an official transcript which includes a listing of courses in progress as well as all completed work. Transfer credit is accepted only from institutions of higher learning which are accredited by a regional accrediting agency or the Mississippi Commission on College Accreditation.

The student must indicate on the application all previous college attendance. An applicant is not permitted to ignore previous college attendance or enrollment. A student who misrepresents information in filling out the admission application form or a student who finds after admission or enrollment that he or she is ineligible for academic or any other reason to return to his or her last institution and who fails to report this immediately to the Office of Admissions will be subject to disciplinary action, including possible dismissal from the University.

When to Apply

The application, required credentials, and the ACT/SAT results (when applicable) must be on file in the Office of Admissions not less than twenty (20) days in advance of the session for which application is being made.

When the application, all required credentials, and the ACT/SAT results (if applicable) have been received, the Office of Admissions will provide the applicant a notice of admission status.

Transferred credit will be evaluated after a student registers for orientation. If an evaluation is received prior to registration day, the student should bring it for use during advisement. Otherwise, the student should contact the Office of Admissions upon arrival on campus for the purpose of attaining a transfer credit evaluation.

The University requires a grade average of C in all previous college work. The applications of students whose records do not meet the indicated requirements may be subject to review by the Dean of Admissions or the Admissions and Credits Committee.

A student under academic suspension from another college or university may not enter The University of Southern Mississippi during the term of his or her suspension. Upon termination of the suspension period, there is no bar to admission if he or she is eligible in other ways.

In general, students under disciplinary suspension are not admitted to The University of Southern Mississippi.

Students from fully accredited institutions ordinarily will be given full credit for work transferred into the University, insofar as the courses taken are the same as, or equivalent to, courses offered in the college in which the student enrolls in this institution.

Credits transferred from an accredited community/junior college will be accepted as determined by the college in which the student is enrolled. In accepting community/junior college credits, no courses will be considered as above sophomore level.

Neither **vocational** nor developmental/remedial courses will be accepted for transfer credit, nor will the grades made on these courses be used in computation of the grade point average for admissions purposes. Institutional credit not based on acceptable nationally standardized tests is not transferrable for admissions nor is it applicable toward a degree.

Probationary Admission

Transfer applicants who meet all regular transfer requirements but who do not have a minimum 2.0 grade point average (on a 4.0 scale) may be considered for admission to the University on Admissions Probation if the following requirements are met:

1. Applicant must meet ACT/SAT requirements mandated by the Board of Trustees.
2. Applicant must meet all curriculum requirements mandated by the Board of Trustees (freshmen or transfer, not both).
3. Applicant's grade point average must meet the Academic Standards level cited on page 24 of this publication.

If the above criteria have been met and an applicant has been admitted on probation, the student *must* maintain the following prescribed standards to continue enrollment:

1. To "clear" Admissions Probation, the student must pass a minimum of twelve (12) semester hours with a minimum 2.5 grade point average.
2. To continue to enroll on Admissions Probation, a student must maintain a minimum 2.0 grade point average on all USM courses.

If an Admissions Probation student fails to maintain a minimum 2.0 grade point average during any term at USM while on probation, he or she will be administratively dismissed, for which there is no appeal. A student administratively dismissed must attend another accredited institution and must achieve an overall 2.0 grade point average (from all institutions of record) before he or she may be considered for readmission to USM.

A limited number of students may be admitted who have not completed transfer admission course requirements, provided the student has completed English composition and has maintained an overall 2.5 grade point average.

Transfer Credit Policy

Credits transferred from accredited institutions are reproduced on the permanent records of the University of Southern Mississippi. This action is evidence that the credits are considered valid. **Validity**, however, is not to be confused with applicability.

Applicability of transfer work depends upon the coincidence of transfer credits with the requirements of a particular curriculum. **Applicability** varies from curriculum to curriculum, not only for transfer students from other institutions but for students transferring from one school or curriculum to another within The University of Southern Mississippi. **Applicability** is determined by the department chair and the dean of the college to which one is admitted. Transfer hours passed will be accepted. To meet graduation requirements transfer students must have an overall C average, calculated by the method currently in use at The University of Southern Mississippi, on all hours scheduled and rescheduled at all institutions attended, including The University of Southern Mississippi. Excessive quality points earned at other institutions cannot be used to offset any deficiencies at The University of Southern Mississippi. **Acceptance of community/junior college work is limited to one-half of the total requirements for graduation in a given curriculum.**

A maximum of sixty-four (64) semester hours of credit earned through Credit by Examination, independent study courses, extension courses, and educational experiences in the armed forces combined may be counted toward a degree at The University of Southern Mississippi. No more than thirty (30) semester hours in a degree program may be earned through Credit by Examination.

While enrolled at the University of Southern Mississippi, a student is required to obtain written approval from his or her department to enroll in a course(s) at another institution. Without this approval, the course(s) may not apply toward his or her degree.

Transcript Evaluations

The Office of Admissions is charged with the responsibility of providing transferring students and their advisers with Transcript Evaluations on a timely basis. An Official Transcript Evaluation will be completed only after all the required official documents necessary to the applicant's admission to the University have been received by the Office of Admissions and the student has registered for orientation. For the convenience of both the student and adviser, an Unofficial Transcript Evaluation will be provided to assist in advising and in the procurement of Financial Aid and Veterans Administration benefits, etc., upon request. Any student in an "Unclear" admission status cannot be granted an Official Evaluation. However, once the "Unclear" status has been "Cleared" the Official Evaluation will then be completed and posted on the student's academic record.

Non-traditional credits awarded by another institution will be evaluated in terms of current policy at The University of Southern Mississippi. Unless the basis for awarding the credit is readily identifiable, no credit will be allowed until such time as the student, through the awarding institution, can establish the creditability of the curriculum.

Acceptance of Military Credit

1. Credit for military schools and educational experiences in the armed forces is awarded on the basis of recommendations of the American Council on Education.
2. Correspondence and/or extension courses, including USAFI/DANTES college level courses, may be applied toward a degree up to a maximum of thirty-two (32) semester hours. DANTES credit is allowed only for subjects where CLEP credit is accepted, with the addition of the DANTES Public Speaking test. No more than nine (9) semester hours of correspondence (USAFI) work may be earned in any one field.
3. Credit from the Community College of the Air Force is acceptable for purposes of admissions and may be used in a degree program as determined by the academic department.
4. A maximum of sixty-four (64) semester hours of credit earned by independent study, extension, and military experience combined may be applied toward a degree.
5. Evaluation of credit will be completed after actual enrollment, upon request.

Requirements for Military Personnel: The Bootstrap Program

In order to receive an official evaluation of credits to determine eligibility for Bootstrap attendance, the following educational credentials must be forwarded:

1. A properly executed military DD Form 295.
2. Official transcripts bearing the official seal from each institution where credit has been earned.
3. Official transcripts and CLEP scores for courses completed through the United States Armed Forces Institute, Madison, Wisconsin.
4. Official high school transcript
5. An application for admission submitted with the request for an evaluation.

All documents and correspondence should be directed to the department chair of the student's major.

Requirements for College of Nursing, Baccalaureate

Students desiring admission to the College of Nursing are subject to the admission procedures of the University. A separate application form is required by the College of Nursing. (Please refer to the College of Nursing Admission section.) To be admitted to the baccalaureate nursing major, students must also meet the following minimum requirements:

1. An Enhanced ACT of 21 or above. A corresponding score on the ACT taken prior to October 1989 or the SAT.
2. A grade point average of 2.5 on courses prerequisite to the nursing major.
3. A minimum of a C in each course applicable to the nursing curriculum.

Only one natural science course may be repeated one time.

Requirements for International Students

Regular University Programs

1. International students without previous records at colleges or universities must meet the requirements outlined for admission as a freshman.
2. If English is not the native language of the student, a score of at least 525 (paper-based) or 197 (computer-based) is required on the TOEFL (Test of English as a Foreign Language).
3. Because application processing requires more time for international students, all applicants residing outside the United States must submit all application materials at least **two months** before the proposed date of entry into the University. International student applicants residing inside the United States must submit all application materials at least **one month** before the proposed date of entry into the University.
4. International students who have already attended colleges or universities must meet the requirements outlined for admission as transfer students. The TOEFL requirement may be waived if the transfer student has successfully completed all freshman English requirements with an average of 2.0 or better.
5. A twenty-five dollar ($25.00) non-refundable fee must accompany each international student's application for admission.
6. International students applying for admission to regular university programs should send documents and correspondence to:

   Director
   Office of International Student Affairs
   The University of Southern Mississippi
   Box 5151
   Hattiesburg, MS 39406-5151
   U.S.A.

English Language Institute Programs

1. International students, age18 or older, are eligible for admission.
2. Applications must include a letter from a bank or supporting agency verifying availability of funds.
3. To help assure acceptance, applicants should apply at least 90 calendar days prior to the beginning date of the course.
4. No application or Immigration Form I-20 can be processed until all required materials and deposits have been received by the University.
5. A Dual I-20 Form can be issued to those students accepted by the English Language Institute and deemed academically admissible by the University. This I-20 Form enables a student to enter the University in a degree-granting program once all admission requirements have been met. The student must make application to the English Language Institute and to the University.

International students interested in attending the English Language Institute for intensive studies in English should direct all correspondence to:

Director
English Language Institute
The University of Southern Mississippi
Box 5065
Hattiesburg, MS 39406-5065
U.S.A.

Other Admission Categories

Special Admissions

The University has several special admissions categories for highly qualified high school students. To be considered for **EARLY ADMISSIONS**, the applicant must meet one of the two following:

1. 3.20 GPA on at least 15 College Preparatory Curriculum (CPC) units and recommendation of high school counselor or principal.
2. 3.50 GPA on completed CPC courses, and an ACT composite of 25 or the SAT equivalent, and recommendation of high school principal.

The University also offers highly qualified high school students the opportunity to earn college credits while they are enrolled in high school. Through our **DUAL ENROLLMENT** program, high school students may take one (1) course per term at the University, provided that the course does not interfere with their high school curriculum. To be Dually Enrolled, the applicant must secure a Letter of Recommendation from his or her high school counselor and must have a minimum composite score of twenty-five (25) on the ACT or the SAT equivalent.

For information concerning **EARLY ADMISSIONS** or **DUAL ENROLLMENT**, make all inquiries to Dean of Admissions, Box 5166, Hattiesburg, MS 39406-5166.

Non-Traditional Students

For the adult who wishes to complete certain specific undergraduate courses in a degree or non-degree status, the applicant may be considered for admission provided the applicant meets these conditions:

1. Has a high school diploma or its equivalent.
2. Is at least 21 years of age.
3. Meets acceptable grade point average requirement on transfer work.

Previous academic records are required of all applicants. Applicants for non-traditional status are required to certify that they are not under suspension from any college or university. A student found guilty of non-disclosure or misrepresentation in filling out the admission application form, or a student who finds after admission or enrollment that he or she is ineligible for academic or any other reason to return to his or her last institution and who fails to report this immediately to the Office of Admissions will be subject to disciplinary action, including possible dismissal from the University.

The student registered in non-traditional status is subject to all University regulations governing registration, attendance, and academic standing. Credit earned in non-traditional status is recorded on the student's permanent record and may be applied in an undergraduate degree program when the student has satisfactorily established degree status by meeting the entrance requirements of the University and of the degree-granting college of his or her choice. A non-traditional student may not register for more than twelve (12) semester hours per semester. Depending on admission evaluation, some students may be limited to six (6) hours per semester. Non-traditional students are ineligible for some forms of financial aid and must consult with the Office of Financial Aid if aid is needed.

A student is permitted to earn a maximum of thirty (30) semester hours of credit in non-traditional status. No undergraduate college of the University will accept in a degree program in excess of thirty (30) semester hours earned while the student has been registered in non-traditional status, nor is a college obligated to accept any hours earned in non-traditional status which do not fulfill college degree requirements. The student who is approaching the thirty (30) hour limitation in non-traditional status, if he or she wishes to continue taking courses for credit, should consult the Office of Admissions concerning procedures required to establish regular degree status.

Non-traditional students applying for regular status are required to follow admission procedures and to provide all items required of transfer students.

Admission by Examination

Students under twenty-one years of age with a General Education Development Certificate of High School Equivalency must present a GED composite score equal to the fiftieth percentile and test scores. In such cases, the applicants may be screened and directed according to the results of the ACCUPLACER. The University does not award credit for the General Educational Development Tests, College Level. For applicants over 21 years of age, see regulations governing Non-Traditional Students.

Home taught students who present an ACT Composite score of 20-24 or the SAT equivalent and a portfolio or transcript showing evidence of completion of the College Preparatory Curriculum may be screened and, if the ACCUPLACER results so direct, may be required to participate in the Summer Developmental Program. Those students who present an ACT Composite of 25 or higher or the SAT equivalent and a portfolio or transcript showing evidence of completion of the College Preparatory Curriculum may be fully admitted without further screening.

Immunization Requirements

All students (including transfers) entering the University for the first time and enrolling for academic credit must document proof of immunization for measles and rubella.

1. Proof of immunization may be documented in the following manner:
   a. Obtain a Certificate of Compliance with Immunization (Form No. 121-C) from your local Mississippi State Board of Health Office, if you are a resident of the State of Mississippi. Two doses of measles vaccine are required. All international students must have a chest x-ray to screen for tuberculosis;
   b. Documentation (month and year) of immunization which was received after the first birthday;
   c. Positive measles and rubella serology titer with date;
   d. Physician-documented history of having had measles with date of disease. History of rubella is not acceptable.

2. Temporary exceptions - one semester
   a. Pregnant women
   b. Women suspecting pregnancy
   c. Women anticipating pregnancy within three months.

3. Permanent exceptions:
   a. Medical disease which will cause a permanent contraindication to immunization;
   b. All persons born prior to 1957.

Admitted Student Information

Orientation

New freshmen and transfer students entering The University of Southern Mississippi are required to participate in the orientation program, USM Preview. USM Preview is designed to acquaint students with University structure, policies, procedures, physical layout, faculty, students, organizations, and academic programs. Activities scheduled during the program include the following: evaluation of credit for transfer students, placement testing, academic advisement, small group sessions, open house for organizations, scheduling of classes, and registration. Parents of entering students are also invited to attend the summer orientation program. Special sessions planned for parents include discussions about University policies, including finances, housing, student activities, educational and recreational opportunities, and academic programs.

For more information contact by mail or phone:

Office of Admissions
The University of Southern Mississippi
Box 5166
Hattiesburg, MS 39406-5166
(601) 266-5000

Advisement

All new students are assigned to academic advisers and are given specific times to meet with their advisers for assistance in scheduling classes and planning programs of study to meet their individual needs. Assignment of advisers is based on the student's stated educational or career plans. The General Studies program, administered by the College of Liberal Arts, provides an organized plan of advisement for students undecided in their academic majors. Students who have determined an interest in a field of study outside of the College of Liberal Arts should enroll as undeclared majors within the college of that field. The Career Center provides a program of academic and career counseling for prospective students of the University.

Reapplying to the University

Students who have previously attended the University and have a break in attendance of one or more terms must file an application for readmission. Readmission documents required include an official transcript from each institution attended since leaving USM, and, if a degree has been received from another institution, an official transcript showing that degree.

Students must meet the minimum admission standards of the University and be in good standing at all institutions attended since leaving USM in order to be eligible for readmission.

Questions concerning undergraduate readmission should be directed to the Office of Admissions. Questions concerning graduate readmission should be directed to the Office of Graduate Admissions.

Residency Regulations

Petitions for Change of Residency: Petitions for change of residency must be made on or before the last day of late registration. Forms are available in the Office of the University Registrar.

Legal Residence of Students: The definitions and conditions stated here are as required by state law in the classification of students as residents or nonresidents for the assessment of fees. Requests for a review of residency classification should be submitted to the University Registrar; forms for this purpose are available from the Office of the University Registrar.

A Minor: The residence of a person less than twenty-one years of age is that of the father. After the death of the father, the residence of the minor is that of the mother. If the parents are divorced, the residence of the minor is that of the parent who was granted custody by the court; or, if custody was not granted, the residence continues to be that of the father. If both parents are dead, the residence of the minor is that of the last surviving parent at the time of that parent's death, unless the minor lives with a legal guardian of his or her person duly appointed by a proper court of Mississippi, in which case his or her residence becomes that of the guardian.

An Adult: The residence of an adult is that place where he or she is domiciled, that is, the place where he or she actually physically resides with the intention of remaining there indefinitely or of returning there permanently when temporarily absent. Adult students who are residing outside of the State of Mississippi, but whose parents have moved to this state and have become residents, must establish residence in their own right. In determining residence for tuition purposes of persons who return to Mississippi after temporary departures such as school attendance, work elsewhere, or military service, cognizance is taken for evidence showing continuity of state residence and demonstrated intent to return to the state.

Removal of Parents from Mississippi: If the parents of a minor who is enrolled as a student in an institution of higher learning move their legal residence from the State of Mississippi, the minor is immediately classified as a nonresident student.

Twelve Months of Residence Required: No student may be admitted to the University as a resident of Mississippi unless his residence, as defined herein above, has been in the State of Mississippi for a continuous period of at least twelve months immediately preceding his or her admission.

A student who has lived within the state for twelve months following his or her twenty-first birthday may establish residence in his or her own right by showing that he or she is living in the state with the intention of abandoning his or her former domicile and remaining in the State of Mississippi permanently or for an indefinite length of time. Intent may be demonstrated or disproved by factors including, but not limited to, filing of Mississippi income tax returns, eligibility to vote in Mississippi, motor vehicle registration in Mississippi, possession of a Mississippi operator's license, place of employment, and self support.

Residence Status of a Married Person: A married person may claim the residence of his or her spouse. (Foreign students refer to **Legal Residence of a Foreign Student.)**

Children of Parents Who Are Employed by the University: Children of parents who are members of the faculty or staff of the University may be classified as residents without regard to the residence requirement of twelve months.

Military Personnel Assigned on Active Duty Stationed in Mississippi: Members of the armed forces on extended active duty and stationed within the State of Mississippi may be classified as residents, with-

out regard to the residence requirement of twelve months, for the purpose of attendance at the University. Resident status of such military personnel who are not legal residents of Mississippi, as defined above under LEGAL RESIDENCE OF AN ADULT, shall terminate upon their reassignment for duty in the continental United States outside the State of Mississippi.

Children of Military Personnel: Resident status of children of members of the armed forces on extended active duty shall be that of the military parent for the purpose of attending the University during the time that their military parents are stationed within the State of Mississippi and shall be continued through the time that military parents are stationed in an overseas area with last duty assignment within the State of Mississippi, excepting temporary training assignments en route from Mississippi. Resident status of minor children shall terminate upon reassignment under permanent change of station orders of their military parents for duty in the continental United States outside the State of Mississippi, excepting temporary training assignments en route from Mississippi.

Certification of Residence of Military Personnel: A military person on active duty stationed in Mississippi who wishes to avail himself or herself or his or her dependents of the provisions of the paragraph titled MILITARY PERSONNEL ASSIGNED ON ACTIVE DUTY STATION IN MISSISSIPPI must submit a certificate from his or her military organization showing the name of the military member, the name of the dependent, if for a dependent, the name of the organization of assignment and its address (may be in the letterhead), that the military member will be on active duty stationed in Mississippi on the date of registration at the University; that the military member is not on transfer orders; and the signature of the commanding officer, the adjutant, or the personnel officer of the unit of assignment with signer's rank and title. A military certificate must be presented to the Registrar of the University each semester at (or within ten days prior to) registration for the provisions of the paragraph MILITARY PERSONNEL ASSIGNED ON ACTIVE DUTY STATION IN MISSISSIPPI, named above, to be effective.

Legal Residence of a Foreign Student: Students with permanent immigrant status or refugee status can establish residence in the state by meeting the provisions of the Mississippi Statute.

Student Expenses and Financial Aid

The University of Southern Mississippi is supported chiefly by legislative appropriations. Increases in student fees are put into effect only when public support funds are inadequate and no other recourse is available. Increases are made only for support of the institution or improvement of the activity program of the students; **therefore, the University must reserve the right to increase or modify fees and expenses without prior notice but with approval of the Board of Trustees of State Institutions of Higher Learning.**

Fees and expenses are in the form of general tuition, room and board, and special fees.

General Tuition

This fee, together with the allocation from the legislative appropriation, is used for general support of the University. Athletic activities and UAC programs are not included for part-time students.

Full-time students for purposes of assessing fees are those who take nine (9) or more semester hours in Graduate School and twelve (12) or more semester hours in all other colleges during fall and spring semesters. During summer terms, seven (7) or more semester hours for Graduate School and nine (9) or more semester hours in all other colleges constitute full-time students for purposes of assessing fees. Undergraduate students enrolled for more than nineteen (19) semester hours during fall and spring semesters and for more than fourteen (14) semester hours during the summer term will be assessed the applicable fee for each additional semester hour. Graduate students enrolled for more than thirteen (13) semester hours during fall and spring semesters and for more than fourteen (14) semester hours during the summer term will be assessed the applicable fee for each additional semester hour.

Clinical and hospital services covered by the health service charge included in the general tuition fee are limited to cases of ordinary illness. Services are provided within the limits of the professional, technical, and physical resources of the Clinic. The University does not assume responsibility in cases of extended illness or for treatment of chronic diseases. Cases requiring surgery must be handled by a physician and hospital of the student's choice and at the student's expense.

Board

Board fees are assessed to all students living in the residence halls and fraternity houses. Board is available to all other students on an optional basis. Students may choose from a basic seven-day or five-day meal plan. Students with a basic meal plan may dine at the Commons, Elam Arms, Hillcrest, and occasionally at Seymour's. Every meal includes unlimited seconds and unlimited use of the beverage and salad bars. Commuter and Snack meal plans are also available.

Telephone Service

Telephone service in residence halls and family student housing is provided through the Office of Technology Resources. The cost of local telephone service is included as a part of housing rent. To access the campus long distance service, students are issued a personal long distance code, which may be obtained at the Communication Services Office, Hub Building, Room 104. Students must possess a University post office box before they can obtain a long distance access code. Long distance calls are billed to the student at the end of each month, to be paid no later than the 10th of the following month. If the previous month's charges are not paid by the 10th, service will be suspended until payment is made. Accounts over 60 days past due will be sent to the Business Office for collection. After that time, the account will be administered on a prepay status. Students are responsible for payment for any calls charged to their long distance access codes. All charges must be settled before the student leaves the University for a semester break or upon graduation or withdrawal.

The Communication Services Office also offers a wide range of telephone features, such as automatic callback, wake-up calls, voice mail, caller ID, three-way calling, hold, and call transfer. These services are available at additional charges.

Post Office Box

The post office box rental fee is assessed to all students living in University-controlled housing. Fees are assessed on an academic year basis and are calculated on time remaining in the academic year. The fee covers box rental for the remainder of the academic year provided the student remains enrolled.Those students living off campus may rent a post office box if they so desire.

Student ID Cards

The ID card is a PERMANENT card for each student. The Fall Semester (permanent) ID card will also be used for Spring and Summer Semesters each year by revalidation. The same card must be kept, re-validated and used even when returning from a previous year or semester. Do not destroy, lose, bend or tamper with an ID card. Only one card will be issued at no charge during a five (5) year period. A fee of $10.00 will be charged at the time a replacement card is made.

Other Financial Information

Payment of Fees

One-half of a student's total fees are due and payable at time of registration. Students with University loans, grants, or scholarships may use those funds as payment for the first half of total fees. Loans, grants, scholarships and checks made payable to the University must be applied to fees in full before a refund or change can be given. Fees deferred past the last day to register each term will be billed monthly. A monthly service charge of 1.5% will be applied to the unpaid balance.

The University accepts payment by check, money order, cash, Visa and Mastercard credit cards. The University reserves the right to refuse payment by check where an individual has previously given a check that has been returned.

The University reserves the right to withhold readmission of a student until all delinquent accounts have been paid. In fact, all past due accounts will be included on registration fee invoices and monthly bills. Transcripts of credits will not be issued for students whose accounts are delinquent. All fees must be paid before a degree will be awarded. Payments by personal check on delinquent accounts will be sent for collection before transcripts or degrees will be released. To avoid any delay in receiving these documents, payments can be made by cash, cashier's check, or money order.

Fines accumulated as a result of failure to adhere to the established procedures of the University, such as Library and Public Safety regulations, or any other policy establishing regulations for the protection of University property, shall become collectable by the Business Office, and, if not collected, shall constitute a delinquent account.

A fee of $50.00 will be assessed students who register during the late registration period.

Students whose checks for registration fees are returned will be assessed the late registration fee of $50.00 in addition to the $30.00 returned check handling fee. Returned checks not promptly paid may result in dismissal from the University.

Courses requiring special fees and music fees are shown in the Special Fee listing and are indicated by a plus sign in the Course Description Section of this Bulletin.

Schedule of Fees

(All fees are subject to change without notice.)
FIXED FEES

	FALL, SPRING SEMESTERS	SUMMER SESSION
FULL-TIME STUDENTS (Per Semester)		
General Tuition (Includes Activity Fees)	$1,435.00	$998.00
Housing Rent:		
Hillcrest, Elam Arms, Mississippi, Hattiesburg and Vann	930.00	630.00
Roberts, Scott, Jones, Pulley, Bolton, Wilber, Hickman and Bond	855.00	590.00

Pine Haven Apartments		
1-bedroom	1023.00	1023.00
2-bedroom	1113.00	1113.00
3-bedroom	1203.00	1203.00
Board:		
5-day plan	720.00	440.00
7-day plan	780.00	470.00

Other Fees When Applicable

Non-Resident Fee (This fee is in addition to the tuition fee above.)	1,551.00	250.00
Post office box rental fees are non-refundable and are assessed as follows:		
Rented beginning Fall Semester	40.00	
Rented beginning Spring Semester	25.00	
Rented beginning Summer Semester		10.00

Optional at same rates to students living off campus.

PART-TIME STUDENTS—Each semester hour

General Tuition—graduate student	137.00	137.00
General Tuition—undergraduate student	105.00	105.00
Activity Fee—(per student)	15.00	15.00
Non-resident fee (In addition to General Tuition):		
Graduate student	172.00	34.00
Undergraduate student	129.00	26.00

General tuition, room, board, and post office, if applicable, are payable each semester/session.

Special Fees and Expenses

Departmental Fees:

HPR 160, 184, 311, 363, 364, 365	5.00 per course
HPR 309	8.00 per course
HPR 180	15.00 per course
HPR 300	65.00 per course
HPR 380	40.00 per course
ART 250, 251, 351-353, 451,453, 458, 651-653, 751-753, 799	35.00 per course
ART 360-363, 370-374, 461-463, 468, 471-473, 570, 661-663, 671-673, 761-763, 771-773, 799	40.00 per course
MUS 361	10.00 per semester hour
MED 311, 312	10.00 per semester hour
ALL MUP COURSES	10.00 per semester hour
THE 304, 461/661, 403/603	40.00 per course
NSG 361, 362, 363	45.00 per course + 2.00 per hour

Honors College

Fee for binding thesis	10.00 each copy

Reading Center, Individual Remedial Instructions:

Special Student (non-credit)	40.00 per semester
Complete Reading Diagnosis	50.00 with written report
Re-evaluation	5.00

Speech and Hearing Clinic Services: (no fees for full-time students)

Speech and Language Evaluation	40.00 each
Speech and Language Therapy (Individual)	
2 fifty-minute sessions per week	312.00 per semester
3 fifty-minute sessions per week	468.00 per semester
Speech and Language Therapy (Group)	
2 fifty-minute sessions per week	156.00 per semester
3 fifty-minute sessions per week	234.00 per semester
Language Group	25.00 per month
Audiometric-Complete except for special tests	25.00 per hour
Hearing Aid Evaluation	25.00 per hour
Impedance Tests	25.00 per hour
Special Tests	25.00 per hour
Ear Mold Impressions	9.50 each
Lipreading/Auditory Training	12.00 per hour
ENG Testing	65.00 each

Examinations and Graduation:

Challenge Examination per examination	10.00 per semester hour
Revalidation Examination	2.00 per semester hour
Special Examination	3.00 when applicable
Certificate	2.75 when applicable

Registration and Records:

Cooperative Education Program	25.00 when applicable
Late Registration	50.00
Evaluation Fee for International Students (Non-refundable)	25.00 with application
ID Replacement	10.00

Continuing Education and Off-Campus Centers

Off-Campus Centers

Undergraduate Course	98.00 per semester hour
Graduate Course	130.00 per semester hour
Laboratory Fee - Nursing 361, 362, 363	45.00 per course plus 2.00 per SCH
Registration (per student)	5.00

Extension (Additional fees may be assessed)

Undergraduate Course	98.00 per semester hour
Graduate Course	130.00 per semester hour
Registration (per student)	5.00
Independent Study Courses	210.00 (undergraduate)
	75.00 (1 semester hour undergraduate)
	15.00 (1st class mandatory mailing fee)
	95.00 (1 semester hour graduate)
	285.00 (3 semester hours graduate)
High School Independent Study Course	80.00 per half unit

Special fees are not normally refundable. However, requests for refunds of special fees will be based on circumstances existing at the times of requests.

Refund Policy

Students who find it necessary to withdraw from the University must submit written requests to the deans of their colleges who will initiate the Withdrawal and Refund Form.

Refunds are based on the following (This applies to withdrawals and dropped classes.):

Withdrawal prior to the first day of class of any term ..... 100% less a $30 withdrawal fee

Fall and Spring Semesters.

The first through the fifth working day ..... 100% less a $30 withdrawal fee
The sixth through the fifteenth working day 75%
The sixteenth through the thirtieth working day 50%
After the thirtieth working day ..... None

S and SS Fall and Spring Semesters.

Prior to and including the last day to register for or add S and SS courses ..... 100% less a $30 withdrawal fee
The next five working days 75%
The next ten working days 50%
After the 50% period ..... None

Summer Term

The first through the fifth working day ..... 100% less a $30 withdrawal fee
The sixth through the tenth working day 75%
The eleventh through the twentieth working day 50%
After the twentieth working day ..... None

S and SS Summer Term

Prior to and including the last day to register for or add S or SS courses ..... 100% less a $30 withdrawal fee
The next five working days 75%
The next ten working days 50%
After the 50% period ..... None

These schedule dates are posted in the Business Office.

Refunds are based on the assessment, not upon the amount paid by the student.

Appeals for refunds due to extenuating circumstances may be made in writing to: Business Services, Box 5133, Hattiesburg, MS 39406-5133. Appeals must be received prior to the end of the academic year.

Refunds/Returns of Title IV funds for students who participate in SFA (Student Financial Assistance) are calculated based on new federal regulations. The processing steps for determining refunds/returns are available in Business Services, FCH 101.

Student Financial Aid

Financial Aid Office
The University of Southern Mississippi
Box 5101
Hattiesburg, MS 39406-5101

Application Deadline

To receive full consideration, all required information and documents must be received by March 15. Late applications will be accepted and considered as funds permit.

Types of Financial Aid Programs Available

The Financial Aid Office has the responsibility of administering major areas of financial assistance. These areas will be listed in three categories—loans, grants and scholarships, and student employment. Further information may be obtained by contacting the Financial Aid Office.

A. Loans

1. **Federal Perkins Loan Program**

   The Federal Perkins Loan Program is for students who are enrolled fulltime in a participating post-secondary institution and who need a loan to meet their educational expenses.

   Repayment begins nine months after graduation or leaving school for other reasons. Students may be allowed up to ten (10) years to pay back the loan. During the repayment period five (5) percent interest is charged on the unpaid balance of the loan principal.

   There are loan cancellation provisions for borrowers who go into certain fields.

2. **Chester P. Freeman Loan Fund**

   Established in 1981, this fund assists needy students to meet their tuition, fees, and book costs to attend USM. The loan is repayable beginning one year after graduation or leaving the University. The interest rate during repayment is three (3) percent simple interest.

3. **Federal Stafford Loan**

   Federal Stafford Loans are low-interest loans made to students attending school at least half-time. Loans are made by a lender such as a bank, credit union, or savings and loan association. These loans are insured by a guaranty agency and reinsured by the federal government. This loan must be repaid.

   Students can qualify for a Federal Stafford Loan based on financial need or regardless of need — that is, regardless of their or their family's income. It is possible for a student to have a Federal Stafford Loan partly based on financial need and partly not based on need.

   Undergraduate students can borrow up to $2,625, $3,500, or $5,500 per year depending on their year in college and eligibility. Graduate students can borrow up to $8,500 per year depending on eligibility. Independent students may be eligible to borrow more.

   Payments normally begin six (6) months after graduation or when the borrower ceases to be at least a half-time student, and students may be allowed up to ten (10) years to repay the loan. In most cases students must pay at least $600 a year unless circumstances agreed upon with the lending institution warrant a lesser amount. Repayment may be deferred if the student borrower returns to school.

B. Grants

1. **Federal Pell Grants.**

   The Federal Pell Grant Program makes funds available to eligible students attending approved colleges, community/junior colleges, vocational schools, technical institutes, hospital schools of nursing, and other post-high school institutions.

   Students may apply for a Federal Pell Grant if they are first time undergraduate students.

   The amount of the award is based on the determination of eligibility and the cost of attendance at the school. The grants range from $400 to $3,125.

2. **Federal Supplemental Educational Opportunity Grants** (SEOG)

   The Federal Supplemental Educational Opportunity Grant Program is for students of exceptional financial need who, without the grant, would be unable to continue their education.

   Students must be enrolled full-time as a first -time undergraduate. Graduate students are not eligible.

3. **State Student Incentive Grant** (SSIG)

   The State of Mississippi through a matching grant program with the Federal Government provides grants to full-time undergraduate students who are residents of the State of Mississippi. Recipients must demonstrate substantial financial need and show academic promise. Grants may range from $200 to $1,500 per academic year. Selection of recipients is made by the Financial Aid Office.

4. **University Scholarships** (These scholarships are subject to change without notice.) The following awards are available to entering students and continuation is subject to satisfactory progress.

a. **Schillig-Baird, Pulley-Pulley Gough, and Presidential Scholarships:** Pulley-Pulley Gough, Schillig-Baird and Presidential Scholars are selected by the President of The University of Southern Mississippi. A select number of students will be invited to compete for these awards. (Scholarship recipients must enroll in the Honors College). The value of the award is $20,000 for in-state students. The Pulley-Pulley Gough and Schillig-Baird Scholarships are awarded from special endowments made available for Presidential Scholarships.

b. **Olliphant Scholarships:** Olliphant Scholarships are designated for Honors College students who demonstrate an outstanding record of leadership, a commitment of service to society, and an exemplary record of academic achievement. Olliphant Scholars will receive a stipend of $3,000, to be awarded over the four years at USM.

c. **Honors Scholars:** Awards of Honors College Scholarships are competitive and are based on an excellent record of achievement on the ACT (or SAT) and in high school classes, with attention to Honors, AP, and other rigorous courses completed; high school and community activities; honors and achievements; counselor and teacher recommendations; and an essay. Honors scholarships are in the amount of $100 per semester for up to $800 for students completing both General and Senior Honors. Recipients shall enter the Honors College. Applications may be obtained by writing Honors College, Box 5162, Hattiesburg, MS 39406-5162.

d. **Valedictorian/STAR Student Scholarships:** Valedictorians or STAR students from a public or private school may be awarded $100. The recipient must be designated as the valedictorian or STAR student of the graduating class and must enroll at USM during the fall semester immediately following his or her high school graduation. The scholarship will be paid fall semester of the freshman year only. Applications may be obtained by writing the Office of Admissions, Box 5166, Hattiesburg, MS 39406-5166.

e. **Academic Excellence Awards:** Curriculum, rank-in-class, GPA, and test scores are considered in the awarding of these scholarships. Typically, students receiving awards meet the following guidelines. First time entering freshmen who are National Merit/National Achievement Semi-Finalists or who have an ACT composite score of 32 or above and a high school GPA of 90 or above are eligible for an $8,000 award payable at the rate of $2,000 per year. First time entering freshmen who have an ACT composite score of 30-31 and a high school GPA of 90 or above are eligible for a $5,000 award, payable at the rate of $1,250 per year. Students with an ACT composite score of 28-29 and a high school grade point average of 90 or above are eligible for a $3,000 award payable at the rate of $750 per year. A student is eligible to receive these scholarships during only the fall and spring semesters for four consecutive years. Out of state tuition will also be waived. He or she must be a full-time student (minimum of twelve (12) credit hours) and maintain a GPA of 3.0 to continue receiving the award.

f. **USM Sponsored Merit Awards:** The University will recommend that National Merit Finalists indicating USM as their college choice be awarded these scholarships. Merit Awards are equivalent to $2,000 over a four year period.

g. **Leadership Scholarships:** Recipients are selected based on achievements both in and outside the classroom. A selected number of applicants will be invited to interview for $8,800 awards.

h. **Community/Junior College Leadership Awards:** Mississippi Community/Junior College students nominated by their respective institutions will be invited to compete for awards, up to $4,800.

i. **Community/Junior College Presidential Award:** Scholarships of $500 are awarded at the discretion of the Community/Junior College President (within Mississippi).

j. **Community/Junior College Transfer Achievement Awards:** Community/junior college transfer students who are Phi Theta Kappa members and who have a 3.50 GPA or above on at least 54 semester hours of community/junior college work are eligible for a $1,400 award, payable at the rate of $700 per year.

Information concerning scholarships and scholarship applications may be obtained from the Office of Admissions, Box 5166, Hattiesburg, MS 39406. Students must be enrolled full-time to receive these awards.

5. **Upperclass General Academic Scholarships:** Scholarships are available each year to upperclass students based upon general academic achievement, leadership, major field of study, financial need, and other stipulations which may be imposed by the donor. Applications must be made each academic year for these scholarships. The value of these awards ranges from $100 to $1,400 per academic year. Applications may be obtained by writing the Director of Financial Aid, Box 5101, Hattiesburg, MS 39406-5101.

6. **Alumni Scholarships:** Scholarships representing payment of non-resident fees only may be available to non-residents of the State of Mississippi. Award is contingent on a parent being an active contributing alumni member and the student's achieving an ACT composite score of at least 21. Continuation is subject to the student maintaining at least a current GPA of 2.5 or better. Apply to: Alumni Association, Box 5013, Hattiesburg, MS 39406-5013.
7. **Regional Scholarships:** A limited number of awards are available to non-residents of the State of Mississippi. This scholarship represents a waiver of non-resident fees only. These awards are based upon ACT scores. Applications may be obtained by writing; Director of Financial Aid, Box 5101, Hattiesburg, MS 39406-5101. March 15th is the priority date for applications.
8. **Service Scholarships:** These scholarships are available in art, athletics, dance, music, theatre etc. Service scholarships are based upon skill and performance in such endeavors as music and athletic ability. Applications can be obtained by writing: Dean, College of The Arts, Box 5031, 39406-5031; for Athletic scholarships write Athletic Director, Box 5017, Hattiesburg, MS 39406-5017

C. Student Employment

1. **Federal Work-Study Program**

   The primary purpose of the Federal Work-Study program is to stimulate and promote part-time employment for students. The program also seeks to encourage students receiving Federal student financial assistance to participate in community service activities that will benefit the community and the nation. The program is designed for those students who are in need of earnings to pursue their course of study at USM. Primary consideration is given to students with the greatest financial need.

2. **Student Employment On-Campus**

   The University also employs students who are not eligible to receive Federal work-study. Jobs are posted as they become available. Contact the Student Employment Office, Kennard-Washington Hall, for additional information.

3. **Student Employment Off-Campus**

   The Student Employment Office makes available many types of off-campus part-time jobs with businesses in the surrounding area. Referrals are made on an individual basis to jobs matching the students' qualifications and schedule.

D. Other

1. **ROTC Scholarship Program**

   See the Military Science and Aerospace Studies sections of this Bulletin for information on two-year, three-year, and four-year ROTC scholarships.

2. **Marine Officer Programs**

   Qualified students may apply for an officer program leading to a commission as a Second Lieutenant in the United States Marine Corps. Commissions are offered in both ground and aviation components. The Platoon Leaders Course (PLC) is offered to freshmen, sophomores, and juniors who attend precommissioning training during the summer. Financial assistance and Flight Indoctrination Programs are available. Qualified seniors attend twelve weeks of training in the Officer Candidate Course (OCC) after graduation. For details, contact the Placement Officer or the Marine Officer Selection Officer when he is on campus.

3. **Police Corps Scholarship Program**

   Qualified students may receive up to $30,000 toward an undergraduate or graduate degree in any major. For details, contact the Office of the Police Corps at 1-800-767-7334.

Satisfactory Academic Progress Policy

In order to receive and maintain federal financial assistance, students are required to progress satisfactorily toward completion of their course of study. Federal financial assistance includes grants, student loans, and employment. Satisfactory Academic Progress is measured primarily in three ways:

1. students must progress qualitatively by earning the required minimum grade point average,
2. students must progress quantitatively by completing the required minimum number of credits each semester or term, and
3. students must complete their program of study within a reasonable time period.

Qualitative Measure

The Financial Aid Office strictly adheres to the academic standards presently established by The University of Southern Mississippi and printed in the current University **Bulletin**. Students who have attempted up to a total of 16 semester hours must earn a 1.5 cumulative grade point average. Students

who have attempted up to a total of 32 semester hours must earn a 1.75 cumulative grade point average. Students who have attempted 33 or more total hours must earn and maintain a 2.00 cumulative grade point average. Total hours attempted will include credit taken at the University and any credit transferred from another institution. Grade point averages, however, are based solely upon credits earned while enrolled at USM. Minimum acceptable academic standards are also represented in the following table:

Total Hours attempted (Including Transfer Credit)	Minimum Cumulative GPA Required (USM work only)
0-16	1.50
17-32	1.75
33 and above	2.00

If a student does not attain the minimum grade point average, she or he is placed on financial aid probation at the end of the academic semester or term. A student may be placed on financial aid probation for failure to meet minimum academic progress requirements for up to a total of three semesters or terms. Should the student fail to attain the minimum acceptable grade point average for total hours attempted for a fourth semester or term, the student will be placed on financial aid suspension.

A student placed on financial aid suspension is ineligible for any federally funded financial aid programs until she or he returns his or her grade point average to the minimum required level.

Quantitative Measure

Students receiving financial aid must also complete a minimum number of credits each semester or term. The following minimums have been established.

Undergraduate: At the end of each semester during which aid is received, undergraduate students taking six (6) or more hours must pass a minimum of six (6) semester hours. Undergraduate students enrolled during a summer term must pass at least four (4) semester hours.

Graduate: Graduate students must pass at least four (4) hours each semester. Graduate students enrolled during a summer term must pass at least three (3) semester hours.

Passing grades include A, B, C, D, E, and P. Students failing to meet this quantitative measure of academic progress will be placed on financial aid probation. A student may be placed on financial aid probation for failure to meet minimum academic progress requirements for up to three semesters or terms. Should the student fail to complete the minimum number of credits for a fourth semester or term, the student will be placed on financial aid suspension and will be ineligible for federal financial assistance.

Maximum Length of Time to Complete Course of Study

Students must complete degree requirements within a normal time frame, and the following maximums have been established.

Undergraduate: A first time undergraduate student shall be deemed in good standing and eligible to receive federal financial aid until she or he has attempted 133% of the number of hours normally required to complete degree requirements, usually 170 hours. Attempted hours shall include *all* courses on the academic transcript including grades of A, B, C, D, E, F, P, I, X, W, WP, WF, AW, and N. The Financial Aid Office shall review the Programmed Academic Computer Evaluation (PACE) sheet of those students wishing to receive financial assistance beyond the 170 hour ceiling. Students will be granted additional financial assistance only for courses included on the PACE sheet until the student attempts up to 150% of the number of hours normally required to complete degree requirements, usually 192 hours.

Graduate: Graduate students shall be deemed in good standing and eligible to receive federal financial assistance until they have attempted twice the number of hours normally required to complete their program of study leading to a master's or doctoral degree.

Second Degree Undergraduate: Students who have already earned a baccalaureate degree and are now seeking a second undergraduate degree will be eligible to receive federal financial assistance for up to 206 undergraduate hours attempted. Students who have attempted more than 170 hours must present a Programmed Academic Computer Evaluation sheet (PACE) to the Financial Aid Office for review. Students will be granted additional financial assistance only for courses included on the PACE sheet until the student attempts up to 206 hours.

Second Degree Graduate: Graduate students pursuing an additional Master's degree will be limited to a maximum of 120 graduate hours. This total includes all graduate hours accumulated. Once a student earns a specialist degree he/she shall be eligible for additional financial assistance only at the doctoral level; once a student earns a doctoral degree he/she shall be ineligible for additional federal financial assistance.

Additional Policies

Enrollment Status

Students receiving Federal Perkins Loan, Federal Work-Study, Federal Supplemental Grant, and Federal Pell Grant are expected to maintain the enrollment status on which their financial aid was based. For example, students awarded financial aid as full-time students are expected to complete the semester or term and earn satisfactory grades on a full-time course load. Students failing to maintain the enrollment status their financial aid award was based on shall be granted probation for up to three semesters or terms. Students failing to remain full-time a fourth semester or term shall be placed on financial aid suspension and shall be ineligible for additional federal financial assistance until they enroll at least half-time at their own expense, complete all courses, and earn the minimum required grade point average.

Transfer Students

Students transferring into the University shall be assumed to be maintaining satisfactory academic progress. Hours transferred from prior schools will be considered when establishing class standing for grade requirements, as well as when determining the maximum number of hours allowed to receive financial aid.

Remedial Courses

The University's policy on remedial courses is currently being revised. Please contact the Financial Aid Office for current details.

Audit Courses

Courses taken for audit do not count for credit or graduation and, therefore, are not counted in determining eligibility for receiving or maintaining financial aid.

Repeats

A limit of two (2) courses or a total of six (6) semester hours will be permitted as repeats without affecting financial aid eligibility.

Cooperative Education

Students are not considered as enrolled for credit hours during the terms they are employed and therefore are ineligible to receive financial assistance. Co-op students are, however, considered enrolled for purposes of deferring prior loans during periods of co-op.

Simultaneous Measurement

Academic transcripts of financial aid recipients will be reviewed at the end of each semester or term to insure that the student simultaneously meets all the minimum Satisfactory Academic Policy requirements stated above. Students are eligible for a grand total of three probationary periods throughout their enrollment.

Appeals

Students who have their aid suspended because they have exceeded the maximum length of time allowed to meet degree requirements may appeal that suspension ONLY for one of the following reasons:

The student is enrolled in a course of study that normally requires more than 128 semester hours to complete.

The student has military or vocational (not technical) hours on their academic transcript that are not included in their program of study.

The student has attempted less than 192 hours in a course of study that normally requires 128 hours to complete.

The student is seeking a second undergraduate degree and has attempted less than 206 semester hours.

Students who have their aid suspended may appeal that suspension ONLY for one of the following reasons:

Death of an immediate family member. Immediate family member includes parent, spouse, sibling, or dependent child.

The extended illness of the student. Extended illness is defined as a documented chronic or recurring medical or emotional illness that causes the student to be absent from class at least ten class days.

The extended illness of an immediate family member that places a hardship on the student. Immediate family member includes parent, spouse, sibling, or dependent child.

Students should request a Financial Aid Appeal Form from the Financial Aid Office and submit it along with all supporting documentation to:

Financial Aid Office
The University of Southern Mississippi
Box 5101
Hattiesburg, MS 39406

Appeals will be evaluated by the Financial Aid Office, and students will be notified of their eligibility or ineligibility for continued financial assistance.

Students whose appeals are denied by the Financial Aid Office must enroll at USM at least half time until they have removed the deficiency that caused them to be placed on financial aid suspension.

Refunds

Students withdrawing from the University during the refund period who receive federal financial aid must return a portion of any refund to the financial aid programs from which aid was disbursed. The method of returning funds to financial aid programs shall be calculated using the current federal financial aid refund policy in conjunction with the University Refund Policy.

Repayment

When students receive cash above their direct educational expenses (tuition, fees, books, University board and room), they are expected to use those funds to meet non-institutional education costs. Should a student withdraw during the University refund period, the student must return that portion of any cash disbursement that could not have reasonably been used to meet educational expenses. The portion that must be returned is a repayment. The University's Repayment Policy coincides with the applicable federal and University refund policy.

The University of Southern Mississippi Foundation Scholarships

The University of Southern Mississippi Foundation is a non-profit organization that functions as the depository and fiduciary of private gifts to The University of Southern Mississippi. The University of Southern Mississippi Foundation is charged with the responsibility of raising necessary funds to support the academic programs. Overall guidance and policies for the Foundation are determined by a Board of Directors composed of alumni and friends of the University.

Programs designed to raise funds for the academic programs include:

Annual Fund
Eagle Club
Honor Club
Planned Giving
Corporate and Foundation Support

These programs encourage support, in the form of private donations, for academic and athletic scholarships.

The primary role of the Foundation is to support the University in its role of teaching, research and service. The assistance takes many forms including scholarships, library support, professorships, faculty chairs, equipment, etc.

Scholarships receive the largest share of annual expenditures. They are awarded according to the guidelines agreed upon by both the donor and the Foundation. While the Foundation receives and

manages the funds, the awarding of scholarships is made by University Scholarship Committees in cooperation with the Financial Aid Office. Please refer to them for availability.

Alumni Association

Annual

*ALUMNI PAST PRESIDENTS: Ten $500 scholarships named by the USM Alumni Office.

*GULF COAST METRO ALUMNI CHAPTER SCHOLARSHIP: To provide scholarships to capable and deserving Gulf Coast students. Available through the local alumni chapter.

*HATTIESBURG METRO ALUMNI CHAPTER SCHOLARSHIP: To provide scholarships to capable and deserving Hattiesburg area students. Available through the local alumni chapter.

*JACKSON METRO ALUMNI CHAPTER SCHOLARSHIP: To provide scholarships to capable and deserving Jackson area students. Available through the local alumni chapter.

*JONES COUNTY ALUMNI CHAPTER SCHOLARSHIP: To a student from Jones County to be chosen by a committee from the chapter. Available through the local alumni chapter.

*LAUDERDALE COUNTY USM ALUMNI SCHOLARSHIP: Recipient chosen by the alumni chapter. Available through the local alumni chapter.

*PEARL RIVER COUNTY ALUMNI SCHOLARSHIP FUND: To a junior or senior from Pearl River County with a 2.5 GPA or better with financial need. Available through the local alumni chapter.

*PENSACOLA, FLORIDA ALUMNI CHAPTER SCHOLARSHIP: To a capable and deserving Pensacola student. Available through the local alumni chapter..

*SOUTHWEST MISSISSIPPI ALUMNI CHAPTER SCHOLARSHIP: To provide scholarships to capable and deserving Southwest Mississippi area students. Available through the local alumni chapter.

Endowed

*HATTIESBURG METRO ALUMNI CHAPTER ENDOWED SCHOLARSHIP: To a capable and deserving Forrest County student to be chosen by the chapter.

*JACKSON COUNTY ALUMNI ENDOWED SCHOLARSHIP: To a capable and deserving student from the area.

*CLYDE KENNARD MEMORIAL SCHOLARSHIP: To provide annual scholarship(s) to a deserving student as set forth by the Black Alumni Advisory Council Scholarship Committee.

*PARNELL "MAC" MCKAY FUND: Scholarship for student help for the Alumni Publications Editor to be chosen by the director of Alumni Affairs and the Alumni Publications Editor.

*POWELL AND FRANCES OGLETREE ENDOWED SCHOLARSHIP: To an outstanding junior student in the Student Alumni Association (SAA) for use during their senior year. Recommended by the Alumni Association and vote for SAA membership.

**Recipients to be chosen by the Alumni Association or Alumni chapter.*

College of The Arts

Annual

*HAROLD LUCE ANNUAL ORCHESTRA SCHOLARSHIP: To provide scholarship funds to orchestra students. The selection of the recipient(s) is to be made by the conductor of the orchestras and approved by the Director of the School of Music and the Dean of the College of The Arts.

*HILDA AND GEORGE MCGEE ANNUAL MUSIC SCHOLARSHIP: To provide a scholarship to an undergraduate or incoming freshman, majoring in symphony or piano, with priority given to a student who demonstrates financial need and maintains a minimum 3.0 GPA. A recipient may retain the scholarship for their four years of undergraduate work if all criteria are continually met.

*WEEZIE ORY MYERS DANCE SCHOLARSHIP: To provide an annual scholarship for a student in dance.

MARY MAGDELENE SKIPPER AND DANIEL MACON ODOM, JR. SCHOLARSHIP: To a capable and deserving student majoring in 1) music OR 2) business from Copiah or Jones County. The student should have demonstrated need. Preference should be to a music major.

*BILL PORTER VOICE AWARD: To an outstanding junior in voice, entering his/her senior year.

*FRANCES AND JEROME RYAN MEMORIAL SCHOLARSHIP: To provide an annual scholarship to a worthy and qualified student in the College of The Arts.

*TIFFANY DIANNE THOMAS MEMORIAL ANNUAL SCHOLARSHIP: To provide a scholarship to a graduate of Madison Central High School who has been accepted to USM and is majoring in music (preferably a band student).

Endowed

*ART DEPARTMENT ALUMNI ENDOWED SCHOLARSHIP: To provide a scholarship for an art major. To be selected by portfolio reviewed by faculty from the Department of Art.

*JEFF AND JEANIE GAIL BOWMAN: Award to a capable and deserving student who is majoring in either ceramic arts or art education.

*HOAGAN BRAMLETT ENDOWED SCHOLARSHIP: To a first year declared theatre major who exemplifies Hogan Bramlett's values regarding acting, directing, and theatre. These values include a love of the arts, honesty, humility, integrity, teamwork and cooperation, compassion, industriousness, and respect for all persons and things. The scholarship will be awarded to an Oak Grove student for the first five years. Selection will be made by individuals designated as representation of the Bramlett family in consultation with the Department of Theatre.

*ROGER BRINEGAR ENDOWED SCHOLARSHIP FUND: To a deserving student who is majoring in art with an emphasis on ceramics.

*DEWEY CAMP: To a capable and deserving band student, preferably from a rural community.

*BEN M. CARMICHAEL: Award to a capable and deserving student in the College of The Arts.

*JAMES E. BOLLINGER-WILLIAM W. CROWDER SCHOLARSHIP: To be awarded to a capable and deserving student with the most promise in the field of art, particularly paintings.

*DR. J.P. AND VIRGINIA CULPEPPER ARTS ENDOWMENT: To provide a scholarship for a capable and deserving student with financial need enrolled in the College of The Arts.

*DOROTHY AND LAURANCE CUNNINGHAM ENDOWMENT IN MUSIC EDUCATION: To provide financial assistance to a worthy and qualified student majoring in music education.

*DR. JACK P. DONOVAN MEMORIAL SCHOLARSHIP: To provide assistance to a worthy and talented student majoring in voice/choral music.

LOIS ARENDER DRAIN ENDOWED SCHOLARSHIP: To a worthy student with financial need with preference given to students in interior design, OR math, OR music from Smith County who possess moral and ethical values.

*M. ASHLEY DUBOISE SCHOLARSHIP IN JAZZ STUDIES: To provide a scholarship primarily for jazz studies majors. Music majors who are non-jazz studies majors may be considered for this scholarship and if applicable, exceptionally talented non-music majors may be considered. See Director of Jazz Studies for requirements.

*M. ASHLEY DUBOISE PHOTOGRAPHY SCHOLARSHIP ENDOWED: To provide a scholarship to recognize creative excellence by a student majoring in photography in the Department of Art, College of The Arts, at USM, and to provide assistance to enhance that student's ability and further his/her goals. See Department of Art for requirements.

*VERN EDWARD AND IRIS MICHAEL EASTERLING FUND: To provide scholarship support for worthy students in the College of The Arts who are citizens of the United States. The scholarship shall rotate among the departments in the College of The Arts.

*CHARLES AND CAROLYN ELLIOTT ENDOWED SCHOLARSHIP IN MUSIC EDUCATION: To provide a scholarship to a qualified and needy student majoring in music education.

*ROSALIE FERLISE ART ENDOWMENT: To provide scholarship assistance to deserving art students. Selection to be made by the chair of the art department.

*FINE ARTS SCHOLARSHIP AND DEVELOPMENT FUND: To be awarded by the College of Fine Arts.

*CHARLIE AND LORITA FINNEGAN ENDOWMENT IN THE ARTS: To provide a scholarship for a deserving and financially needy student majoring in music or art.

*PATRICIA GRAHAM GABLE ENDOWMENT IN MUSIC: To provide a scholarship for a worthy and talented student majoring in piano or voice.

*LOUIS GERTLER SCHOLARSHIP ENDOWMENT: To provide an annual scholarship to a deserving student at the junior or senior level majoring in the College of The Arts. Selection to be made by a faculty committee in the theatre department.

*FANNIE GODBOLD GINN SCHOLARSHIP: To provide financial assistance for a student or students preparing for service in church music.

*MELVENE DRAHEIM HARDEE SCHOLARSHIP ENDOWMENT: Award 1/4 of the annual earnings for Eagle Club Scholarship in the name of Tom and Melvene Hardee; 3/4 of the earnings for Melvene Draheim Hardee Music Scholarships.

*ELMO AND MARY GLENN HARRISON GUITAR SCHOLARSHIP: To a guitar major, junior or senior, in good academic standing. Student should have positive attitudes, high morals, with financial need.

*GILBERT HARTWIG: To provide a scholarship to a capable and deserving theatre student.

*ROWLAND WEBSTER HEIDELBERG MEMORIAL SCHOLARSHIP: To a deserving student enrolled in the College of The Arts with the funds available being rotated among the four Departments of Music, Art, Theatre, and Dance.

*SELMA KRELL: To students in the Department of Theatre and Dance.

*HAROLD LUCE ENDOWMENT FOR ORCHESTRA SCHOLARSHIP: To provide scholarship funds to orchestra students. The selection of the recipient(s) is to be made by the Conductor of the Orchestras and approved by the Director of the School of Music and the Dean of the College of The Arts.

*THE DR. RAYMOND MANNONI KEYBOARD SCHOLARSHIP: To be awarded to a United States citizen who is or will be an undergraduate or graduate student in the School of Music. The student must be seeking a degree in music or music education, and his/her concentration must be organ, piano, or harpsichord. The recipient will be chosen by a committee made up of the Director of the School of Music and the keyboard faculty. Their decision will be based upon the candidate's performing ability and promise as a music major. With the agreement of the committee, the award may be granted to the same student in successive years providing the recipient maintains a 3.0 cumulative GPA.

*FRANK EARL MARSH: To provide scholarships for talented and needy students in the Department of Music.

*LEWIS J. AND MARCIA C. MAYARD: To provide a scholarship for a worthy and qualified student majoring in one of the arts disciplines in the College of The Arts.

*HARRY WELLS MCCRAW VIOLIN SCHOLARSHIP: To provide a scholarship for a capable and deserving student who wishes to study violin. This student must (1) participate in the USM Symphony Orchestra, (2) participate in string chamber music, (3) enroll in applied violin lessons, and (4) maintain a 2.5 overall GPA. The selection of the recipient will be determined by the Orchestra Conductor and approved by the Director of the School of Music and the Dean of the College of The Arts.

*ANITA JOE "BUTCH" MCDONALD DIXIE DARLINGS SCHOLARSHIP: Purpose to be determined at a later date.

*GEORGE AND HILDA MCGEE ENDOWED MUSIC SCHOLARSHIP: To provide a scholarship to an undergraduate or incoming freshman majoring in symphony or piano, with priority given to a student who demonstrates financial need and maintains a minimum 3.0 GPA. A recipient may retain the scholarship for their four years of undergraduate work if all criteria are continually met.

MYRTLE WILLIAMS MILLER: To students with high interest and potential in the Arts with preference to Chi Omega Sorority member.

*MISSISSIPPI GULF COAST CRAFTSMEN'S GUILD: To students studying in the area of art, pottery, plastics, woodwork, etc.

*JOE BARRY MULLINS: To a graduate student in music.

*KATHRYN SWETMAN PAGE: To a student from Harrison County majoring in music.

*EDNA AND DAVE PERKINS ENDOWED SCHOLARSHIP IN STRINGS: To assist a worthy student pursuing a degree in music or music education. The recipient will be a string player and must carry a 3.0 GPA or higher.

MORAN MCLELLAND POPE: To students from Marion County who demonstrate need, above average scholarship, and major in the College of The Arts.

*CHARLES AND ANITA PRICE: To provide scholarship money to a capable and deserving student with financial need.

BESSIE PROCTOR MEMORIAL SCHOLARSHIP: To provide a scholarship to a deserving student who is a graduate of Tylertown High School majoring in music, or if there is not a qualified music major, to be awarded to a student majoring in education. If there are no education majors who qualify, the expendable interest from the fund shall be returned and added to the corpus. Financial Aid shall select the recipient.

*MAUDE SHERROD: To provide a scholarship to a student majoring in art from Neshoba County, MS.

*MABLE VE. SHANNON SILVER: Awarded to capable an deserving student(s) in the School of Music. Recommended by a faculty committee.

*JAMES AND EILEEN SIMRALL: Designated to the College of The Arts.

*KAREN C. STEPHENS THEATRE SCHOLARSHIP: To provide a scholarship to a capable and deserving student majoring in theatre who is financially needy. The selection of the recipient is made by the College of The Arts.

*JAMES NEAL STOKES BAND SCHOLARSHIP: Purpose to be determined at a later date.

*GARLAND WILLIAMS SULLIVAN ENDOWMENT IN THE ARTS: To provide financial assistance to a capable and deserving student enrolled in the College of The Arts with this scholarship being awarded on a rotating basis annually to a music, art, theatre, or dance major.

*MARTHA TATUM THEATRE SCHOLARSHIP: To provide scholarship funds to a capable and deserving theatre student who has financial need.

*DR. NANCY O'NEAL TATUM MUSIC SCHOLARSHIP: To provide scholarship funds to a capable and deserving student enrolled in the College of The Arts who has financial need.

*CHARLES AND DIANE THOMAS ENDOWMENT IN THE SCHOOL OF MUSIC: To provide a scholarship for a worthy and qualified student majoring in music.

*JUNE ROSS VARDAMAN VIOLIN/CHAIR/ORCHESTRA ENDOWMENT: For an orchestra chair in violin.

*THAD AND GERRY WAITES MUSIC SCHOLARSHIP ENDOWED: To provide scholarships to financially needy, capable, and deserving students in the College of The Arts.

FRED A. WAITS ENDOWED: To be awarded to students in the College of The Arts.

*ANGELA STEVENS WALLACE VOICE SCHOLARSHIP: To provide a scholarship for a capable and deserving student with financial need who is majoring in music with an emphasis in voice. Selection is to be made by the Dean of the College of The Arts.

MARY LILLIAN PETERS WHITTEN MUSIC: To provide scholarships to students studying music in the College of The Arts.

**Recipients to be chosen by the College of The Arts.*

College of Business Administration

Annual

*SHARON BENTZ GRADUATE ANNUAL SCHOLARSHIP: To a female graduate student majoring in business from the Coast (Biloxi, Gulfport, Long Beach, Ocean Springs, Pass Christian).

*THE FIRST BANCSHARES SCHOLARSHIP: To provide a scholarship to a deserving student majoring in either accounting or banking and finance based on financial need. Recipient must have a minimum 3.0 GPA. CBA selection committee shall select recipient.

*MARY LOUISE KEY MCCLAMMY MEMORIAL SCHOLARSHIP: To offer an annual scholarship to the University of Southern Mississippi to a student meeting certain eligibility requirements including admission to the College of Education/Psychology with a major in elementary education as the primary beneficiary of the scholarship, OR to the College of Business Administration as the secondary beneficiary if no education major is selected. Consideration will be given to applicants of Vietnamese descent.

MUNRO PETROLEUM: To provide a full academic scholarship annually, with preference given to the five South Mississippi counties, based on financial need and academic merits. Designated to the College of Business Administration with consideration given to employees of Munro Petroleum and their dependents.

*NATIONWIDE INSURANCE ANNUAL SCHOLARSHIP - JERRY JAMES, AGENT: To award a $500 annual scholarship to a capable and deserving student. The candidate must pursue a degree from the College of Business Administration with an emphasis on insurance. Selection to be made by the scholarship committee in the College of Business Administration.

MARY MAGDELENE SKIPPER AND DANIEL MACON ODOM , JR. SCHOLARSHIP: To a capable and deserving student majoring in 1) music OR 2) business from Copiah or Jones County. The student should have demonstrated need. Preference should be to a music major.

*CHARLES R. ROBERTS MARKETING SCHOLARSHIP: To provide a scholarship to a junior or senior marketing major who is a well-rounded student. The selection of the recipient is to be made by a special committee as designated by the chair of the Marketing Department.

TRUSTMARK BANK: To Trustmark employees or children of Trustmark employees below the level of Senior Vice President, based on either need and/or academic achievement as determined by the scholarship committee, maintaining a 2.5 or equivalent overall GPA. If no employee meets eligibility, award to a junior or senior in banking and finance based on need and/or academic achievement. Recipient must maintain a 3.0 or equivalent GPA.

*UNION PLANTERS BANK: To a deserving student in the School of Business with preference given to students of employees of Union Planters Bank.

Endowed

*SAMUEL W. AND DEE THORNTON ABBOTT ENDOWED SCHOLARSHIP: To students from Forrest/Lamar County who are enrolled as a junior or senior majoring in accounting who clearly demonstrate financial need and must maintain at least a 2.5 GPA. Selection to be made by the faculty members of the School of Professional Accountancy.

BOB AND SANDY BOOTHE ENDOWED SCHOLARSHIP IN MANAGEMENT: For students majoring in the College of Business Administration majoring in management who demonstrate financial need.

*ALFRED AND DORIS BREELAND: For use by the College of Business Administration for scholarships and/or awards to worthy junior and senior students, with preference given to accounting majors. The award of funds should not be limited to "needy" students, as we believe students benefit from recognition even when financial need is not a consideration.

*RICHARD H. CLARK, JR.: To a student in the College of Business Administration.

*MARY ELIZABETH ENGLAND SCHOLARSHIP: To provide financial assistance to a worthy, deserving, and needy female student in the College of Business Administration.

*EXXON ACCOUNTING SCHOLARSHIP: Awarded annually by a Kenamond Scholarship Committee to the accounting major selected by the committee. Selection criteria to be chosen annually by the committee.

*ATLEY GRAHAM MEMORIAL SCHOLARSHIP: To a capable and deserving student enrolled in the College of Business Administration with an emphasis in economics. Students must have completed a minimum of 60 hours and are to be selected by a committee from the College of Business Administration.

W.B. HARLAN: Award to a young man of character and intelligence in need of a scholarship and majoring in business administration.

*HATTIESBURG AREA ASSOCIATION OF REALTORS, INC.: To real estate majors with preference to residents of Forrest, Marion, Covington, Perry, or Stone County.

*CHARLES AND MARTY HERRIN: To a student in the College of Business Administration based on need.

*KRANDALL HOWELL: To provide a scholarship to a student from McComb, Summit, or Magnolia, MS, in the College of Business Administration and who is also a member of the Student Alumni Association.

*JACKSON RAPID DELIVERY SERVICE: To a capable and deserving student from Jackson, MS, majoring in accounting.

*MAURICE H. JOSEPH REAL ESTATE: To a student in real estate upon recommendation of the committee.

*FRED D. KENAMOND ACCOUNTING: To a student majoring in accounting upon recommendation of that area.

RANDY LUSK: To a Pike County High School graduate or Southwest Community College transfer majoring in business, marketing, or finance.

*MARY LOUISE KEY MCCLAMMY MEMORIAL SCHOLARSHIP: To offer an annual scholarship to the University of Southern Mississippi to a student meeting certain eligibility requirements including admission to the College of Education/Psychology with a major in elementary education as the primary beneficiary of the scholarship, OR to the College of Business Administration as the secondary beneficiary if no education major is selected. Consideration will be given to applicants of Vietnamese descent.

PAUL MCMULLAN ENDOWED: To Mississippians who are studying in the area of banking and finance.

*JEROLD J. MORGAN SCHOLARSHIP: To an outstanding accounting student to be selected by a special committee.

O'KEEFE COMPANIES ENDOWMENT: To a student in the College of Business Administration with academic promise and financial need and who is community service oriented. One-half of the annual award to a student on the Gulf Coast campus and one-half of the annual award to a student on the Hattiesburg campus.

*ANNETTE AND RANDY PRICE: To provide a scholarship to a worthy and qualified student majoring in one of the courses taught in the College of Business Administration.

*MARSHAL RAYBURN ENDOWED SCHOLARSHIP: To provide a scholarship to a capable and deserving student from Forrest or Lamar County majoring in the area of real estate and finance.

*HERSCHEL AND LYNN SHATTLES SCHOLARSHIP: Award to capable and deserving students from Forrest County majoring in business administration with preference given to graduates of Forrest County Agricultural High School (FCAHS). TO BE SELECTED BY FCAHS.

*JULIE COOK SPERBER MEMORIAL SCHOLARSHIP: To provide a scholarship for a rising junior or senior marketing major who is a full-time student with a minimum overall GPA of 3.5 and a GPA of 3.7 in the marketing curriculum. The student will be well-rounded and active in campus activities. The student should possess good verbal and writing skills and prepare a one page essay describing how he/she meets the criteria. The donor or designated representative shall have the option to serve on the selection committee. Request for distribution will be initiated by the Chair of the Department of Marketing after the selection committee has determined that an applicant meets the criteria.

LARAY STRINGER ENDOWED SCHOLARSHIP: To provide an annual scholarship to a deserving student majoring in management with at least a 2.5 GPA. To be based on financial need.

*C. CARUTHERS SULLIVAN, JR. MEMORIAL: To provide an annual scholarship for a junior and/or senior economics major in the College of Business Administration. To be selected by a committee of faculty and staff members.

*USM ESTATE PLANNING COUNCIL SCHOLARSHIP: To a business administration major in the field of accounting or finance who will be a junior or senior. The department heads will nominate three recipients. The executive committee of the EPC will then choose the scholarship recipient.

GORDON H. WHITE BANKING AND FINANCE: To an undergraduate student majoring in banking and finance from Forrest or Lauderdale County with financial need.

*LOWERY WOODALL: To students in the College of Business Administration upon recommendation from that area.

**Recipients to be chosen by the College of Business Administration.*

College of Education and Psychology

Annual

*CHARLES AND FAYE DAVIDSON GRADUATE SCHOLARSHIP: To award an annual scholarship to a deserving and needy graduate student in the College of Education and Psychology. Selection to be made by the faculty of the College of Education and Psychology.

*CHRISTOPHER J. KARNES GIFTED EDUCATION MEMORIAL SCHOLARSHIP: To provide scholarships for very bright but needy children who qualify for admission to programs offered by the Center for Gifted Studies and for outstanding University students who are in dire need of scholarship support as they prepare for careers in gifted education. Selection to be made by faculty in the Department of Special Education. $500.00 will be awarded for the Fall of 1999, and $500.00 will be awarded in the Spring of 2000. This scholarship will not be available after the Spring of 2000.

*MICHAEL MARKS EDUCATION SCHOLARSHIP: To be awarded to a student admitted into the teacher certification program in secondary education who is majoring in speech communication or theater; selection to be made by the Professional Education Council; $500 to be awarded each semester; the first award to be given in January 1999 for the spring semester; and preference to be given to those education majors who are members of the Mississippi Association of Educators' Student Program at USM.

*MARY LOUISE KEY MCCLAMMY MEMORIAL SCHOLARSHIP: To offer an annual scholarship to the University of Southern Mississippi to a student meeting certain eligibility requirements including admission to the College of Education/Psychology with a major in elementary education as the primary beneficiary of the scholarship, OR to the College of Business Administration as the secondary beneficiary if no education major is selected. Consideration will be given to applicants of Vietnamese descent.

*LEO MILLER SUMMER AWARD: A summer award to a USM graduate returning for a master's degree in elementary education.

*BETTY MURRAY MUSGROVE SCHOLARSHIP: To a student majoring in elementary education who demonstrates financial need. Selection to be made by the faculty of the College of Education and Psychology.

*PINE BELT MENTAL HEALTHCARE RESOURCES GRADUATE STUDENT SCHOLARSHIP: To award a scholarship to a graduate student enrolled in the Counseling Psychology master's program who demonstrates a commitment to work in community mental health. The scholarship recipient will complete required internship at Pine Belt Mental Healthcare Resources (PBMHR). Preference will be given to applicants interested in working at PBMHR for one year or more or

possibly at other community mental health agencies upon completion of their degree requirements. The scholarship recipient will be expected to complete six (6) of their required elective hours from the subject areas of public health administration, business administration, management, marketing or finance. Selection of recipient shall be made by a committee comprised of faculty members of the Counseling Psychology Program and representatives of PBMHR.

*JEANNIE AND TIM RYAN IN HONOR OF DR. BONNIE J. DAVIS: To provide an annual scholarship to an incoming freshman from public or private schools in Hancock County who has demonstrated leadership skills through school and community involvement. This student will major in teacher education. Selection will be made by faculty in the College of Education and Psychology.

*HOWARD SESSUMS: To a deserving Mississippian, junior or senior, in Education and Psychology, majoring in secondary education or counseling.

*USM ASSOCIATION OF OFFICE PROFESSIONALS (AOP): To a capable and deserving junior or senior with a 3.0 GPA or better majoring in business technology with emphasis in office administration or related field. An AOP committee will make the final decision based on recommendations of the Department of Technology Education.

Endowed

*ODESSA POWELL BEASLEY ELEMENTARY EDUCATION ENDOWMENT: To provide scholarship funds to an education major entering his/her junior year with plans to be an elementary teacher. The student should be from a rural county and have financial need.

*R.G. BIGELOW: To a junior or senior planning to teach. Awarded upon recommendation of the department.

*ANNELLE BONNER: Scholarship awarded to junior or senior majoring in business teacher education. Must meet academic and citizenship requirements.

*ZED HOUSTON BURNS: Award to an outstanding student in psychology.

*RUBY LITTRELL CARSON: To provide a scholarship to a student who is majoring in elementary or secondary education. Selection will be made by faculty members in the College of Education and Psychology.

*JOSEPH O'HARA CARSON: For a graduate student with emphasis in higher education.

RANKIN AND LUCY R. CLINTON: To a graduate of Oak Grove High School, sophomore or higher, majoring in the education field.

*HORACE B. DICKERSON: To a graduate student seeking a degree in guidance and counseling or a related field. This scholarship is a loan. Funds are to be repaid by the recipient with interest at the rate of 6% per annum in five years of graduation. Selection to be made by The Horace B. Dickerson Scholarship Committee.

*WILLIE EVELYN EWELL BUSINESS EDUCATION PRESIDENTIAL SCHOLARSHIP: To provide scholarship funds to a student majoring in business education. The recipient is to be selected by a committee comprised of business education faculty members.

*LUTHER AND MYRTIS FLURRY: Award to a full-time student in the College of Education and Psychology, with preference given to those who plan to teach in rural schools in the State of Mississippi.

*KATHERINE SELBY FOOTE: To a student in the College of Education and Psychology with preference given to a student majoring in math education or to a student who has worked or is working as a teaching assistant.

*DR. SARA AND CLIFFORD HAGENSON: To a student in early childhood education, upon recommendation of that department.

*HARRY AND BETTY HALLIWELL ENDOWED SCHOLARSHIP IN ELEMENTARY EDUCATION: For a deserving student with financial need who will enter the junior year as an elementary education major. Selection will be made by faculty in the College of Education and Psychology. The students must be from Mississippi.

*FRANCES K. HARRELL: To capable and deserving students who are juniors or seniors and plan to teach.

*LOUISE M. HAWKINS: To provide annual scholarship assistance to capable and deserving students pursuing degrees in the field of education/psychology and nursing. In determining recipients, academic achievements shall be considered. (One-half is to go to Education and Psychology, one-half to Nursing).

*ALMA HICKMAN: To a capable and deserving student majoring in education.

*ODELLE-HORNE ISHEE MEMORIAL SCHOLARSHIP: To provide an annual scholarship to a deserving student majoring in elementary education. Selection to be made by the College of Education and Psychology.

*FAY KAIGLER SCHOLARSHIP ENDOWMENT IN ELEMENTARY EDUCATION: To award scholarships to Mississippi students who are preparing to become elementary teachers. Selection to be made by faculty in the College of Education and Psychology. Full-time tuition scholarships will be awarded (in-state only) based on availability of funds.

*CHRISTOPHER J. KARNES GIFTED EDUCATION MEMORIAL FUND: To provide scholarships for very bright but needy children who qualify for admission to programs offered by the Center for Gifted Studies and for outstanding University students who are in dire need of scholarship support as they prepare for careers in gifted education. Selection to be made by faculty in the Department of Special Education.

*FRANCES A. KARNES SCHOLARSHIP FUND: To provide scholarships for students in graduate degree programs with emphasis in gifted education which may include travel for professional development. Selection to be made by the Dean of the College of Education and Psychology, Department Chair, Special Education, and faculty member whose primary interest is in gifted education.

*PEARL REYNOLDS LEECH: To a capable and deserving student planning to teach, with preference to those in elementary education.

OLA FARMER LENAZ: To a capable and deserving student who plans to enter the teaching profession.

*MADIE PEDEN LIGHT: To provide a scholarship to a student, with need, who has the proclivity to be a teacher.

*MARY LOUISE KEY MCCLAMMY MEMORIAL SCHOLARSHIP: To offer an annual scholarship to the University of Southern Mississippi to a student meeting certain eligibility requirements including admission to the College of Education/Psychology with a major in elementary education as the primary beneficiary of the scholarship, OR to the College of Business Administration as the secondary beneficiary if no education major is selected. Consideration will be given to applicants of Vietnamese descent.

*MISSISSIPPI MAGNOLIA DISTRICT, CIVITAN INTERNATIONAL ENDOWED SCHOLARSHIP: To provide scholarships to students in training to become Teachers of Special Education. The award to be given to an upperclassman if possible. The Department of Special Education at USM will select the awardee based on merit, need, and such other criteria as the department deems proper. The donor does request that where a candidate has ties to Civitan, that candidate be given preference, other things being equal. The award may be divided at the discretion of the Special Education Department to provide more than one award.

* DR. RALPH S. OWINGS: Award to an outstanding graduate student in educational administration upon recommendation of that department.

*JOHN AND CLAUDIA PARKER: To a capable and deserving student who plans to teach school and needs financial assistance. To be awarded by Education.

*WILLIAM V. PLUE SCHOLARSHIP: To an undergraduate student majoring in special education.

BESSIE PROCTOR MEMORIAL SCHOLARSHIP: To provide a scholarship to a deserving student who is a graduate of Tylertown High School majoring in music, or if there is not a qualified music major, to be awarded to a student majoring in education. If there are no education majors who qualify, the expendable interest from the fund shall be returned and added to the corpus. Financial Aid shall select the recipient.

*LUCY RYALS ROBERTSON MEMORIAL SCHOLARSHIP: To provide a scholarship to a deserving student from Marion County who has a minimum junior status and has been officially accepted to any educational program leading to licensure in the state of Mississippi. The recipient must have an overall 2.75 grade point average. Applicants must submit an essay statement describing their personal and professional goals along with a resume to the selection committee. The scholarship committee shall be comprised of curriculum and instruction faculty and the donor or the donor representative.

*ABBIE ROGERS: To a junior or senior majoring in special education-mental retardation. Selected by a special committee.

*MILDRED HOUSTON ROOKER ENDOWED SCHOLARSHIP: To provide an annual scholarship to a student majoring in elementary education based on financial need.

MR. AND MRS. R. E. SHOEMAKE: To a student from Forrest or Perry County working on a master's degree in education or an undergraduate degree in elementary education.

ALYNE HALL THORNHILL: An award to a student in elementary education who plans to teach, with preference to students from Walthall County.

*DABNEY E. WEATHERFORD SCHOLARSHIP: To provide a scholarship for a capable student demonstrating financial need from the State of Alabama majoring in social and rehabilitation

services. The student should have at least a 2.5 GPA from high school or previous college hours. Preference should be given first to a student from the Birmingham metropolitan area, second to a student from Jefferson County, and third to a student from the State of Alabama.

**Recipients to be chosen by the College of Education and Psychology.*

College of Health and Human Sciences

Center for Community Health

Annual

*LYNN COOK HARTWIG HEALTH POLICY SCHOLARSHIP: To provide three scholarships to graduate students enrolled in the area of community health with consideration given to employees of Hattiesburg Clinic and Forrest General Hospital, to be selected by the School of the Center of Community Health and to be approved by Mr. Tommy Thornton. Each recipient must maintain at least 3.0 GPA and may be a full- or part-time student.

*RUBEN THORNTON AND EARL FORTENBERRY MEMORIAL: To provide scholarships to students enrolled in the area of Community Health. To be selected by the School of the Center of Community Health. Students must have at least a 3.0 GPA.

Endowed

*REGINALD AND SARA SWITZER: To a junior or senior majoring in health education, transfer from Mississippi Gulf Coast Community College.

*RALPH T. WICKER, M.D.: To a junior or senior in health education and administration with financial need, high scholastic ability, and commitment to community health. Preference given to premed student who chooses to major in community health.

**Recipients to be chosen by the Center for Community Health.*

Department of Hospitality Management

Annual

CAIN'S COFFEE: To a capable and deserving student majoring in hotel/restaurant administration with GPA of 3.0, and living on campus.

*DOUGLAS LATIMER FONTAINE SCHOLARSHIP: The Mississippi Hotel & Motel Association will provide a $1,500 scholarship each fall semester to a capable and deserving student - USM Hattiesburg or USM Gulf Coast - majoring in hospitality management. Recipient must be a junior or senior-level student with a full-time status and a 3.0 GPA. The recipient will be selected by the Educational Committee of the Mississippi Hotel & Motel Association.

*HATTIESBURG RESTAURANT ASSOCIATION SCHOLARSHIP: To provide a $500.00 per semester (fall and spring) scholarship to an HRT major. The student must work thirty (30) hours per week in a restaurant business (off campus). Selection to be made by a faculty committee. Must maintain a 2.0 GPA. Student is not eligible to renew the scholarship for two (2) consecutive semesters.

*HOTEL AND RESTAURANT ADVISORY BOARD SCHOLARSHIPS: Recommendation from the department.

*MISSISSIPPI RESTAURANT ASSOCIATION: To award an $800 annual scholarship to a hospitality management major and a $200 annual contribution to USM's Department of Hospitality Management. The scholarship is to be awarded to a full-time student - USM Gulf Coast or USM Hattiesburg - majoring in hospitality management. Recipient must be at least in their sophomore year of study with a GPA of 2.5 and working in the hospitality industry a minimum of 20 hours per week.

*THE OUTBACK STEAKHOUSE ANNUAL TEXTBOOK SCHOLARSHIP: To provide assistance to a capable and deserving student majoring in hotel, tourism , restaurant management. Preference will be given to employees and dependents of employees of Outback Steakhouse. Applicants must submit an essay for review by the Health and Human Sciences Scholarship Committee on "Current Trends of Hotel, Tourism, Restaurant Workforce." Recipient must maintain full-time status and a 3.0 GPA.

*PURPLE PARROT COMPANY ANNUAL SCHOLARSHIP: The student selected must work at least thirty (30) hours per week in the restaurant business (not on campus at USM) to be eligible for this scholarship. The student will be selected by a faculty committee in Hotel, Restaurant and Tourism Management.

Endowed

ALFREDDY COOK MEMORIAL SCHOLARSHIP: To a deserving student majoring in hotel, restaurant and tourism who demonstrates the need for financial assistance. Preference should be given to students majoring in food service from Forrest, Lamar, Perry, Covington or Warren Counties.

*MARGARET MCCARTHY: Award to students in hotel and restaurant and dietetics (1/2 to each).

*MERCHANTS COMPANY: To a capable and deserving native Mississippian in Memory of John Tatum. This scholarship is to be divided between HRA and Dietetics. The Department Chair shall make a recommendation to the Merchants Company, and if approved, Financial Aid will award.

MILDRED LINDLEY WILLIAMS: To provide scholarships for worthy and needy students attending the University and who are resident citizens of Mississippi with preference given to majors or students in institutional administration and hotel, restaurant, and tourism (1/2 to each).

*THE DISTINGUISHED ORDER OF ZEROCRATS: To establish a scholarship for students in financial need pursuing a career in the food industry.

**Recipients to be chosen by the Department of Hospitality Management.*

School of Family and Consumer Sciences

Annual

*DARLENE SMITH - HUHNER ANNUAL MEMORIAL SCHOLARSHIP: To award a $500 scholarship ($250 in the fall & $250 in the spring) to a qualified student who meets the following requirements: Major in human nutrition, from the New Orleans Metro area, maintain at least a 3.25 GPA, preference will be given to full time graduate students. Selection of recipient will be derived from a committee comprised of faculty representing the College of Health and Human Sciences. Also, if the student fails to maintain GPA or does not enroll in the spring semester, a second candidate will be chosen to receive the scholarship. (Special situations may be addressed by the committee.) As interest is accrued and contributions made, additional scholarships and/or an increase in the award amount will be made available at the discretion of the representatives of the fund.

*DIMPLE L. STRINGER HOME ECONOMICS SCHOLARSHIP: To provide a scholarship for a student from Forrest County who clearly demonstrates financial need and who is involved in the School of Home Economics. Selection to be made by faculty in the School of Home Economics.

Endowed

*MARK C. APPLEWHITE – NUTRITION: To native Mississippians, pursuing graduate studies in nutrition on the basis of scholarship, leadership, character, and need. Recommendation by Home Economics Scholarship/Awards Committee.

*CARRIE NORTON HERRING BENNETT: Fellowship awarded upon recommendation of graduate faculty in Home Economics. This is a loan. Recipients must repay at least 50% within two years of graduation or last attendance.

PEARL CAMPBELL: To a needy and deserving first year undergraduate student who plans to major in the field of home economics.

*BETTY DUKES CRAFT: To an outstanding junior majoring in home economics. Committee composed of Home Economics faculty, students, and alumni will recommend students.

LOIS ARENDER DRAIN ENDOWED SCHOLARSHIP: To a worthy student with financial need with preference given to students in interior design OR math OR music from Smith County who possess moral and ethical values.

*BERTHA M. FRITZSCHE: To an outstanding graduate student in home economics upon recommendation of the graduate faculty in that area.

*ALTRA HOWSE HAMMAN: To a full-time graduate student majoring in family life or child development, who has completed one semester of graduate work with a GPA of 3.75 with no grades below "B", high moral character, and native born citizen of the United States.

*FERN ROGERS HESSON: To a worthy undergraduate student in the field of nutrition, dietetics, food service, and HRA.

*DARLENE SMITH-HUHNER MEMORIAL SCHOLARSHIP FUND: To award a $500 scholarship ($250 in the fall & $250 in the spring) to a qualified student who meets the following requirements: Major in human nutrition, from the New Orleans Metro area, maintain at least a 3.25 GPA, preference will be given to full time graduate students. Selection of recipient will be derived from a committee comprised of faculty representing the College of Health and Human

Sciences. Also, if the student fails to maintain GPA or does not enroll in the spring semester, a second candidate will be chosen to receive the scholarship. (Special situations may be addressed by the committee.) As interest is accrued and contributions made, additional scholarships and/or an increase in the award amount will be made available at the discretion of the representatives of the fund.

*LANELLE GADDIS LONG: To a capable and deserving student in home economics. Recommendation of the department.

*MARGARET MCCARTHY: Award to students in hotel and restaurant and dietetics (1/2 to each).

*STELLA HARPER MCNEIL: To a full-time female majoring in home economics education based on need, character, internship and student's potential to make contributions to their community and society, with a 2.5 GPA or better.

*MERCHANTS COMPANY: To a capable and deserving native Mississippian in Memory of John Tatum. This scholarship is to be divided between HRA and Dietetics. The Department Chair shall make a recommendation to the Merchants Company, and if approved, Financial Aid will award.

*FANNIE OZELL OWINGS: To a student majoring in home economics, upon recommendation of that area.

*LEROY AND LYNELL ROGERS SCHOLARSHIP: To provide a scholarship to an outstanding and deserving junior student in Child and Family Studies to use during their senior year. The student needs to exemplify a commitment to their major and profession, possess no less than a USM overall GPA of 3.0 and the selection will be made by faculty in the Child and Family Studies program area.

*ALLENE VADEN: Graduate student completing a degree in food service, institution management with a research project.

MILDRED LINDLEY WILLIAMS: To provide scholarships for worthy and needy students attending the University and who are resident citizens of Mississippi with preference given to majors or students in institutional administration and hotel, restaurant, and tourism (1/2 to each).

**Recipients to be chosen by the School of Family and Consumer Sciences.*

School of Human Performance and Recreation

Endowed

*S.H. BLAIR: To a graduate of Hattiesburg public school system with financial need, enrolled in area of school administration or physical education, preference to coaching field. Shall not be awarded to school athletes.

*BERMA F. AND WILLIE CARTER SCHOLARSHIP IN ATHLETIC TRAINING: To a graduating senior with a 3.0 GPA majoring in sports medicine/athletic training educational program with priority given to students in a secondary educational program. Priority given to students from Panama City, FL.

*FARRIS FARRIS ENDOWMENT FUND: To provide a scholarship to a graduate student majoring in Coaching and Sports Administration who is also serving as a a volunteer coach for the University's baseball team. The student must maintain the academic requirements of the College of Health and Human Sciences. To be awarded by the College of Health and Human Sciences.

*REED GREEN: To an administration and coaching major. Award upon recommendation from that area.

ED AND EDDIE LANGFORD: To a Pascagoula Separate School District graduate, majoring in education or coaching, with financial need.

*D.C. LEECH: To a capable and deserving student majoring in athletic administration and coaching with financial need.

*VAN AND MARY LOWRY ENDOWED SCHOLARSHIP: To provide a scholarship to a student majoring in recreation. Preferences will be given to individuals who are not eligible for other financial aid (i.e. grants, loans, and other scholarships) but who need assistance in affording college costs. The recipient must have a minimum 2.5 GPA and have interest or experience in working at the YMCA. The recipient shall be selected by a committee consisting of the School of Human Performance and Recreation Director, a member of the Recreation faculty, and the current president of the Student Recreation Majors Association.

**Recipients to be chosen by the School of Human Performance and Recreation.*

School of Social Work

Annual

*ANNIE B. FIELDS-WILLIAMS MEMORIAL SCHOLARSHIP: To assist the School of Social Work in providing funds for a scholarship.

Endowed

*NANCY BAKER: Award to a graduate student in social work upon recommendation of that area.

*BRUCE, DAY, MEHEARG SCHOLARSHIP: To a graduate student in social work.

*KATHERINE GUICE: To a capable and deserving student in the School of Social Work.

*LYNN B. MCMAHAN: To an outstanding senior or graduate student majoring in social work with a genuine interest in working with the elderly.

*BARBARA PEASE SOCIAL WORK: To provide a scholarship to a student completing the second year in the School of Social Work.

**Recipients to be chosen by the School of Social Work.*

College of International and Continuing Education

Annual

*BRACY/FLAGG ANNUAL SCHOLARSHIP: To provide an annual scholarship to a student with interest in International Studies, with a "B" or better GPA, and who demonstrates financial need.

*HONDURAS MEDICAL SCHOLARSHIP FUND: To award a scholarship to a Honduran student who is a committed Christian and has a strong interest in the medical field. The recipient must have an exemplary high school academic record. An ACT score of 18 and a SAT score of 850 is preferred. The recipient should make a commitment to return to Honduras to work in the medical field on a basis of one year of service for each year of scholarship received. A selection subcommittee comprised of donor representatives will identify a suitable candidate and present him/her to the scholarship committee comprised of representatives of the Office of International Student Affairs, College of International and Continuing Education. Selection criteria will include standardized test scores, review of transcripts and curriculum vita, two letters of recommendation, a two-page, double-spaced essay, and an interview either in person or by phone.

INSTITUTE FOR LEARNING IN RETIREMENT: To a nontraditional student with financial need.

*INTERNATIONAL SCHOLARSHIP: To provide scholarships for studies in Latin America and the Caribbean. Selection of recipients to be made by a committee appointed by the Dean of the College of International and Continuing Education.

*SAVITIRI AMMAL AND RAJAPPA NANGUNERI MEMORIAL SCHOLARSHIP: To a non-United States citizen, full-time graduate student in any major but polymer science or chemistry with a 3.5 GPA and not in receipt of any other aid.

BILL AND SUE PACE ANNUAL SCHOLARSHIP: To provide a scholarship to a nontraditional student enrolled with a minimum of 9 semester hours during a fall or spring semester. Students must demonstrate financial need. Selection to be made by representatives from the USM Foundation, Financial Aid, and Continuing Education.

*USM FOUNDATION BRITISH STUDIES SCHOLARSHIPS: To students in the British Studies Program.

*USM FOUNDATION STUDIES ABROAD SCHOLARSHIPS: To fund scholarships for studies abroad. These are based on financial need with emphasis on minorities.

Endowed

*HONDURAS MEDICAL SCHOLARSHIP FUND: To award a scholarship to a Honduran student who is a committed Christian and has a strong interest in the medical field. The recipient must have an exemplary high school academic record. An ACT score of 18 and a SAT score of 850 is preferred. The recipient should make a commitment to return to Honduras to work in the medical field on a basis of one year of service for each year of scholarship received. A selection subcommittee comprised of donor representatives will identify a suitable candidate and present him/her to the scholarship committee comprised of representatives of the Office of International Student Affairs, College of International and Continuing Education. Selection criteria will include standardized test scores, review of transcripts and curriculum vita, two letters of recommendation, a two-page, double-spaced essay, and an interview either in person or by phone.

VICTOR AND SHIRLEY MATTSON ILR SCHOLARSHIP ENDOWMENT: For an endowed scholarship for a nontraditional student, to be selected by representatives from the Institute for Learning in Retirement and the Financial Aid Office.

*ESTHER VALLADARES: To provide International Education scholarships. Not to be awarded until award reaches $1,000.00.

**Recipients to be chosen by the College of International and Continuing Education.*

College of Liberal Arts

Annual

*DANA PUBLIC RELATIONS SCHOLARSHIP: To provide a scholarship to a graduate student(s) majoring in public relations, working on masters, with a minimum GPA of 3.0.

*NANCY AND JIM GOODWIN POLITICAL SCIENCE SCHOLARSHIP: Scholarship to be awarded to an undergraduate or graduate student majoring in political science. Five hundred ($500.00) is to be awarded in both the fall and spring each year. Preference is to be given to a non-traditional student whose family responsibilities interrupted their education. A 3.0 GPA is required for scholarship. Financial need is to be considered but not a controlling factor. Department Chair is to coordinate selection of scholarship recipient.

*TARSHA MCLAURIN ANNUAL SCHOLARSHIP: To provide scholarships to minority students majoring in journalism: one scholarship for $1,000 to be awarded to an upcoming junior and $1,000 to be awarded to an upcoming senior. The student(s) is/are to be selected by a committee composed of faculty from the Journalism Department and a representative from the Hattiesburg American. .

*THE DANNY MITCHELL TEXTBOOK SCHOLARSHIP FUND: To award a textbook scholarship to a deserving student majoring in journalism, with an emphasis in public relations. The recipient must have a minimum 3.0 GPA and demonstrate financial need. Selection of the recipient will be made by the department committee and/or chair.

*DR. BARBARA RENE' SHOEMAKE EXCELLENCE IN PUBLIC RELATIONS: To be awarded each spring to a deserving undergraduate or graduate student majoring in public relations. Applicants must have earned a 3.0 grade-point average in journalism and/or public relations coursework and be an active member of the Public Relations Student Society of America. The selection is to be made by the Chair of the Journalism Department and a committee of former students and colleagues. The recipient shall receive a plaque provided by funds from this account.

*CONGRESSMAN LARKIN I. SMITH SCHOLARSHIP FUND: To pay tuition and related expenses for students at the junior or senior level who aspire to a career in law enforcement and are majoring in criminal justice.

Endowed

*LAWRENCE ALBERS: To provide a scholarship to a senior whose emphasis area is film and who has a 3.0 GPA in RTF courses.

*FRANK BUCKLEY: To provide scholarships to capable and deserving students in the School of Communication.

*W.M. COLMER: Recommendations will be made by the American Studies Committee, Chair of the Department of Political Science, Dean of the College of Liberal Arts. Students in the American Studies area who demonstrate the ideals which Mr. Colmer held in love, loyalty, and patriotism in his country.

ROBERT CECIL COOK: For a student in journalism with a 3.5 GPA, based on need.

*ETOILE DUBARD: To a senior or graduate student in speech and hearing sciences upon recommendation of the DuBard School for Language Disorders and approved by the director.

*WILLIAM F. DUKES ENDOWED SCHOLARSHIP: To provide a scholarship to a native of Mississippi majoring in criminal justice with a minimum 3.0 GPA. The Department of Criminal Justice is to select the student. No award shall be made until the $20,000 balance has been reached.

*CLAUDE E. FIKE SCHOLARSHIP FUND: For a student majoring in history who has financial need and an above average academic record. The selection of the recipient will be made by the History Department.

*HELEN DUKE FIKE: To provide a scholarship to a needy student, regardless of discipline. Chair of Speech and Hearing Sciences to make recommendations.

*GEORGE ROBERT HALL: Staff of Aerospace Studies Department will select up to three candidates who are Professional Officer Corps. Air Force ROTC Cadets in good standing and member of the Arnold Air Society in good standing and not receiving other scholarship assistance. Prior Hall Scholarship recipients remain eligible. Final selection by Colonel Hall.

*MELANIE AND BILL HUNSBERGER ENDOWMENT IN JOURNALISM: To provide a scholarship for a worthy and qualified student majoring in journalism.

*SARAH STEVENSON JOHNSON ENDOWED SCHOLARSHIP: To fund a scholarship to be awarded to a capable and deserving student enrolled in the Department of Foreign Language, with priority given to those student studying French and Spanish.

*MARY MAUDE T. JORDAN ENDOWMENT: To provide scholarships to students majoring in English who are graduates of one of the Jones County High Schools.

*MOLLINE MAYFIELD KEYES MEMORIAL: To a graduate student in library science with a 3.5 GPA in their senior year and 3.0 overall. Must be a resident of Mississippi who demonstrates financial need.

*THOMAS P. LENNEP: To an Air Force ROTC student, upon recommendation of the staff of that area, who is a junior or senior with a 2.75 GPA.

*TRENT LOTT: To be awarded to a political science major with at least a 3.0 GPA with a minimum of 70 University hours. Recipient must be a Mississippi resident that exhibits leadership in University and community activities.

LEONARD LOWREY MEMORIAL: Provides direct aid to students who have need, have financial interest in journalism and writing, and demonstrate high potential through scholarship and outside interest, especially in the field.

*MILLIE EAST MARTIN MEMORIAL SCHOLARSHIP: To provide an annual scholarship to a student majoring in public relations. Selection to be made by Chair of Department.

RICHARD WAYNE MCKENZIE: To a capable and deserving student in prelaw with a 3.0 GPA from Forrest or Perry County.

*FRANK D. MONTAGUE, JR. PARALEGAL STUDIES ENDOWMENT: For an incoming junior majoring in paralegal studies in the Political Science Department. Student to be selected by the department based on merit.

*ALFRED MOORE PRELAW ENDOWMENT SCHOLARSHIP: To a junior or senior studying prelaw who clearly demonstrates financial need. To be selected by the Chair of the Department of Political Science and faculty members.

BILL PORTER MEMORIAL SCHOLARSHIP: To students in prelaw, based on need.

*BEN MOUNGER RAWLS: To a teaching assistant in English, second semester award, based on teaching excellence of first semester.

*MARVIN AND BETTY REUBEN: To an outstanding student majoring in broadcasting in the School of Communication. One student will be designated as the recipient of the Marvin Reuben Hub City Award.

*WILBUR AND POLLY STOUT: To be awarded to the senior-to-be who has the best GPA in English after having completed three years at USM.

*WENNINGER DISABLED LAW ENFORCEMENT: To a law enforcement officer injured in the line of duty and majoring in criminal justice.

*LEON AND IVAH WILBUR: To an outstanding senior in political science who plans to do graduate work at USM.

*LARRY MITCHELL WILSON GRADUATE SCHOOL ENDOWMENT IN CRIMINAL JUSTICE: To award a scholarship annually to an outstanding graduate student in criminal justice.

*LARRY MITCHELL WILSON MEMORIAL SCHOLARSHIP: To provide a scholarship to an undergraduate majoring in criminal justice based on financial need.

**Recipients to be chosen by the College of Liberal Arts.*

College of Nursing

Annual

*JUANITA L. FARMER NURSING SCHOLARSHIP: To a resident of Forrest or Lamar County with financial need who meets all requirements of USM.

*LETTIE PATE WHITEHEAD: To provide scholarship funds for the education of poor and deserving Christian girls who are residents of one of the following states: Alabama, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, or Virginia.

Endowed

KATHERINE KYZAR ALFORD: Award to a deserving senior level nursing student with preference given to those from Walthall County.

*MARK C. APPLEWHITE – NURSING: To award one or more scholarships to a native Mississippian(s) majoring in nursing on the basis of scholarship, leadership, character, and need, with preference to those nursing students interested in emergency nursing.

JAMES AND PATSY CAUSEY SCHOLARSHIP: To be awarded to a capable and deserving student in the School of Nursing with preference given to a graduate student in gerontology.

*MARY NELL COOK MEMORIAL: To students from Mississippi who have been accepted in the College of Nursing.

*DR. PATRICIA B. FRYBACK NURSING SCHOLARSHIP: To provide a scholarship to a deserving nursing student demonstrating financial need. Selection of recipient to be made by Nursing Scholarship Committee and Dr. Bonita Reinert.

AUSTIN EDWARD AND MAUDE GORDON SCHOLARSHIP: To capable and deserving students in nursing.

OLETA TAYLOR GREEN SCHOLARSHIP: To a capable and deserving student, junior or senior, in the College of Nursing.

*ELIZABETH C. HARKINS SCHOLARSHIP: To a capable and deserving student in nursing with financial need.

HATTIESBURG PHYSICIANS NURSING ENDOWMENT: To provide scholarships to students majoring in nursing from the Hattiesburg area.

*LOUISE M. HAWKINS: To provide annual scholarship assistance to capable and deserving students pursuing degrees in the field of education/psychology and nursing. In determining recipients, academic achievements shall be considered. (One-half is to go to Education and Psychology, one-half to Nursing).

*SANDRA ROSE KEITH: To an upper-class, female nursing major with financial need.

*MARSHA KELLY MEMORIAL ENDOWMENT: To a junior or senior nursing student. Selection to be made by the School of Nursing.

*MATTHEW DAVID MAY MEMORIAL: To provide a scholarship to a junior or senior nursing student with a 3.0 GPA from Lauderdale or Clarke County, MS.

*DORIS MILLER ENDOWED NURSING SCHOLARSHIP: To provide scholarships to deserving students who are nursing majors in the College of Nursing. Faculty in the College of Nursing will select the recipients.

*SHERRY NEAL NURSING: To a junior or senior nursing student with a 3.0 GPA. First priority should go to students whose family member has had cancer or a student with financial need.

SHELBY AND MAUDE PICKETT: To worthy students who possess leadership abilities, good personal traits, and are themselves in financial need of assistance but possess and are motivated by the desire and purpose of serving others who have need for healing ministries.

*WILLIE AND IRIS QUIN ENDOWED SCHOLARSHIP: To provide an annual scholarship to a deserving nursing school major. Preference shall be given to a female Caucasian. Recipient must attain at least a 3.0 GPA. Recipient will be selected by scholarship committee in College of Nursing.

*MRS. EATHEL VIRGINIA ROHR MEMORIAL NURSING SCHOLARSHIP: To provide a nursing scholarship.

*ANTONIA MAVAR TALIJANCICH, R.N. SCHOLARSHIP FUND: To provide financial assistance in the form of scholarships to worthy and needy University of Southern Mississippi students who enter the Sister Elizabeth Harkins School of Nursing. Preference shall be given to lineal descendants of the donors; provided, however, that in no event shall a recipient be either of the donors, a child, or grandchild of the donors, nor any other person the donors have any obligation to support; graduates of Mercy Cross High School in Biloxi, St. John's High School in Gulfport, or Biloxi High School in Biloxi. If there are no recipients from any of the above mentioned three high schools, money earned for the year will be added to the corpus.

*AMANDA LYNN WILSON NURSING SCHOLARSHIP: To a graduate of Hattiesburg High School who will be entering the School of Nursing as a junior or senior. Award only to one student. Selection to be made by Faculty in the College of Nursing. If a student is not available from Hattiesburg High, then Petal High School will be backup.

*LOWERY A. WOODALL NURSING SCHOLARSHIP ENDOWMENT: To provide a nursing student with a scholarship. The selection will be made by faculty in the School of Nursing. Special consideration will be given to students who demonstrate financial need.

**Recipients to be chosen by the College of Nursing.*

College of Science and Technology

Annual

*THE BRICK/BORAL ANNUAL SCHOLARSHIP: To award a $500 annual scholarship to a capable and deserving USM student majoring in 1) architectural engineering technology OR 2) construction engineering technology; preference to be given to an architectural engineering technology major. Student must be from southeast Mississippi (south of I-20 and east of I-55). Selection will be made by a committee chaired by the coordinator of Architectural Engineering Technology, based on student GPA and need.

*CHEMISTRY/BIOCHEMISTRY UNDERGRADUATE SCHOLARSHIP WORKING FUND: To fund undergraduate student scholarships for chemistry/biochemistry majors. Scholarship recipients shall be selected by the chemistry/biochemistry faculty committee.

*HERCULES INCORPORATED: To financially needy students in the College of Science and Technology beyond the sophomore year with the advice of the Dean. At least one to be awarded to a member of a minority race.

*JOHN AND EDWINA LOVELACE CONSTRUCTION ENGINEERING TECHNOLOGY SCHOLARSHIP: To provide a $2,000.00 scholarship to a deserving student who is in financial need. The student must maintain a 3.0 average in the Construction Engineering Curriculum and 2.0 average in other courses. The scholarship will be $1,000.00 per semester. Faculty of Construction Engineering Technology will select student.

*THE JOHN AND SANDRA MCGOWAN BIOCHEMISTRY SCHOLARSHIP: To perpetuate scholarship activity in the field of biochemistry. Recipient must have an overall 3.4 GPA, majoring in chemistry with a biochemistry emphasis. Selection of recipient shall be made by the Department of Chemistry.

*MISSISSIPPI ASSOCIATED BUILDERS & CONTRACTORS, INC.: To offer two ($1,000) scholarships for students majoring in construction engineering technology. Students to be selected by ABC Member Contractors in cooperation with Coordinator in Construction Engineering Technology.

*MISSISSIPPI ENGINEERING SOCIETY - SE AREA CHAPTER SCHOLARSHIP: To provide a scholarship to a qualified pre-engineering student. Requirements are 1) student must be a sophomore, 2) must not be a NSPE scholarship recipient 3) must be in pre-engineering curriculum and planning to attend either MSU or UM, 4) must be from MES SE chapter county: Jeff Davis, Covington, Jones, Wayne, Greene, Perry, Forrest, Lamar, or Marion, 5) minimum 3.0 GPA overall, 6) to be chosen by Pre-engineering Department along with input from Financial Aid Department, 7) the selection group for this scholarship is to include MES SE chapter member (Chairman of Scholarship Committee), 8) must demonstrate financial need through normal school financial aid requirements, and 9) student is to be asked to attend one MES SE area chapter meeting. .

*NATIONAL ASSOCIATION OF WOMEN IN CONSTRUCTION - MAGNOLIA CHAPTER ANNUAL SCHOLARSHIP: To provide an annual scholarship equivalent to one semester's tuition for a female construction engineering tech major. The recipient will be chosen by the Construction Engineering Tech Faculty Committee. One-half to be paid for fall and one-half in spring.

*PUCKETT LABS FOR MEDICAL TECHNOLOGY: To a junior or senior in medical technology with a 3.0 GPA from Alabama, Mississippi or Louisiana. Preferably to a student from South Mississippi.

*SHARP ANNUAL CHEMISTRY SCHOLARSHIP: To provide an annual scholarship for a deserving and qualified student majoring in chemistry. The scholarship will be awarded to a student who maintains a minimum 3.0 GPA. A chemistry/biochemistry faculty committee will review candidates and make an award.

*JOHN C. "JACK" THOMPSON MEMORIAL SCHOLARSHIP: To provide a scholarship for a deserving student in Construction Engineering Technology in the College of Science and Technology. Student may receive scholarship for four years provided he/she stays in construction technology and maintains a grade level deemed acceptable to the Coordinator, Construction Engineering Technology. Student must be active participant in the AGC Student Chapter at USM.

*BOBBY R. THORNTON MEMORIAL SCHOLARSHIP: To establish an annual scholarship in chemistry. Preference will be given to a student from Columbia High School. The student must maintain a 3.0 GPA. The Chemistry Department Chair will select the student and a student with a GPA below 3.0 may be chosen in the discretion of the Chair. If no student from Columbia High School is available, the Chair may select any recipient who meets the requirements. The scholarship will be $500.00 per semester and will be awarded until graduation.

*ROY AND MARY TOWNSEND PREMEDICAL SCHOLARSHIP: To be awarded annually to a non-freshman premedical student majoring in the Department of Biological Sciences who has a minimum GPA 3.5. The scholarship recipient is to be selected by a departmental committee.

*THE THAD AND GERRY WAITES HEALTH PROFESSIONS SCHOLARSHIP: To an incoming freshman and a graduate of Wayne County High School enrolled as a major in The College of Science and Technology, with preference to students pursuing a premedicine emphasis. The recipient may reapply each year, for a maximum of three additional years, as long as he/she continues to meet the eligibility requirements which are established and published by the Dean of the College of Science and Technology.

*WAL-MART COMPETITIVE EDGE: To a United States citizen, incoming freshman, needing financial assistance, ACT score of at least 27, SAT of at least 1100, high school GPA of at least 3.5, finish in top 10% of his/her high school graduating class, have participated in community service activities, have demonstrated leadership ability and majoring in the College of Science and Technology. In order to receive this award each year ($5,000/4 years), the recipient must maintain at least a 3.0 GPA, enroll full-time each semester, and remain a College of Science and Technology major.

Endowed

*JOHN AND JANICE WELLS ADDISON CHEMISTRY ENDOWMENT: To provide a scholarship to an academically deserving junior or senior majoring in chemistry. Qualified recipients shall provide a written essay to the selection committee indicating the personal value of this award in their academic pursuits. A letter of recommendation shall also be provided to the selection committee from a member of the USM chemistry department faculty. The selection committee shall be comprised of the Chair of the Chemistry Department and other chemistry faculty members. The recipient shall receive a $250 scholarship in the fall and spring semester (i.e., $500 total for an academic year). As this endowed account grows, additional individual scholarships shall be awarded.

*OLIVER V. AUSTIN: Award to a deserving undergraduate student majoring in physical science.

*CHARLES AND CAROLYN BRENT ENDOWED SCHOLARSHIP IN CHEMISTRY: To be awarded annually to a promising freshman or junior college transfer in chemistry. Once awarded student may maintain scholarship by maintaining a 3.2 overall GPA.

*THE DANNY R. CARTER ENDOWED SCHOLARSHIP: To provide annual scholarships for full-time undergraduate students majoring in computer science.

*BOBBY CHAIN ENDOWMENT: Award to an undergraduate major in the School of Engineering Technology who is a Mississippi native with an ACT score of 20, who demonstrates financial need, and has a minimum GPA of 3.0.

*FRANCIS R. CONN, M.D. PREMED SCHOLARSHIP: To a deserving premed student in the College of Science and Technology from Mississippi who is enrolled as a junior or senior at The University of Southern Mississippi with preference and consideration given to Anglo-Saxon students.

*WRIGHT W. CROSS: To provide scholarships to capable and deserving students, with financial need, majoring in math, with a GPA of 3.0 or better.

*THE JOHN DRYDEN DAVENPORT PRESIDENTIAL SCHOLARSHIP: To provide a full scholarship on an annual basis which includes room, board, tuition, food, and books for academically gifted students enrolled in the School of Science and Technology. Students must demonstrate financial need.

*USM ALUMNI AT DOW: To support the education of undergraduate/graduate students enrolled in the Department of Chemistry or Polymer Science.

LOIS ARENDER DRAIN ENDOWED SCHOLARSHIP: To a worthy student with financial need with preference given to students in interior design, OR math, OR music from Smith County who possess moral and ethical values.

*FRED H. AND NADYNE M. DREWS ENDOWED SCHOLARSHIP: To award an annual scholarship to a deserving senior majoring in mathematics, chemistry, biology, or physics. The recipient shall have at least a 3.25 GPA or be a Dean's List student. Award as follows: 1998-1999 = Math; 1999-2000 = Math and Biology; 2000-2001 = Math, Biology, Chemistry; 2001-2002 = Math, Biology, Chemistry, Physics.

*DR. JAMES HINES EDGAR MEMORIAL SCHOLARSHIP: To award a scholarship annually to a USM student currently in preoptometry, who has been recommended by the Health Professions Adviser. The recipient should qualify based on scholastic ability and demonstrated commitment to enter the profession of Optometry. Specific eligibility criteria may be determined by the College Scholarship Committee.

*R.D. AND BARBARA ELLENDER SCHOLARSHIP: To offer an annual scholarship to an undergraduate microbiology major in the Department of Biological Sciences who has a minimum 3.0 GPA. The student must be a US citizen. If the microbiology emphasis is removed from the curriculum, the scholarship reverts to a graduate student in counseling and psychology in the Department of Psychology. This student must be a US citizen with a 3.5 GPA. In either situation, stated above, the department chair shall assign the scholarship.

*DR. JOHN AUSTIN EVANS PREDENTAL ENDOWED MEMORIAL SCHOLARSHIP: To a predental student from Mississippi with preference to student going to dental school.

*WILEY FAIRCHILD: To a construction major who has demonstrated financial need.

*VIRGINIA FELDER: To a female majoring in math education. If no student is available in math education then math, science, or computer science.

*KAREN PRESTON GARNER: To a female, junior or senior, majoring in biology, GPA of 3.0, of sound moral character, Mississippi resident, involved in school activities.

*CHERYL GOODWIN MEMORIAL MED TECH SCHOLARSHIP: To provide scholarships for qualified juniors and seniors in the Medical Technology program who have maintained a 3.0 GPA. Scholarship selection will be made by an appropriate committee from the Medical Technology Department.

*BILLY JOE GRANTHAM: To educate a future biologist at USM.

*JAMES AND CAROLYN GREER ENDOWED SCHOLARSHIP: To provide a scholarship to a student pursuing a degree in mathematics or other major in the College of Science and Technology. Preference shall be given to residents of Copiah County, Mississippi. The recipient should have attained a GPA of 3.25 or higher while meeting all graduation requirements of an accredited high school or secondary school. Selection shall be made by the scholarship committee of the College of Science and Technology.

*ALTON C. GRIMES: To award scholarships for students pursuing a course of study requiring 18 semester hours beginning with calculus. Recipient should be a Mississippi student and a person with high moral character. Recipient to be chosen by a special committee from the Math Department.

*HATTIESBURG PHYSICIANS MEDICAL TECHNOLOGY ENDOWMENT: To provide scholarships to students majoring in medical technology from the Hattiesburg area.

*BALMER HILL, JR. SCIENCE AND TECHNOLOGY SCHOLARSHIP FUND: To provide a scholarship to a College of Science and Technology student who is a sophomore, junior, or senior, and has maintained a minimum 3.25 GPA. Donor would like an appropriate committee of the College of Science and Technology faculty/staff to review candidates and select three (3) finalists. Donors will be invited to attend final interviews.

*HUBHEALTH OF SOUTH MISSISSIPPI: To be given to a student within the premedical area at USM, preferably a junior or senior majoring in premedicine from the South Mississippi area. Must maintain a minimum 3.5 GPA.

*THE JORDAN ENDOWED SCHOLARSHIP: To a student majoring in chemistry currently enrolled in the Honors College. TO BE SELECTED JOINTLY BY HONORS COLLEGE AND CHEMISTRY DEPARTMENT.

*JUAN AND VALLIE LANDRY: To provide a scholarship to a student majoring in architectural engineering technology.

*LITTON INDUSTRIES: To a junior and senior majoring in either polymer science or chemistry. To be equally divided between polymer science and chemistry.

*EDWARD J. AND SUE WILBY MCCARTY ENDOWED GEOLOGY HONORS SCHOLARSHIP: 1) Student must be enrolled in the Honors College, or be eligible for enrollment in terms of grades and test scores, and must major in geology; 2) as part of the selection process, the applicant must submit a letter to the faculty of the Department of Geology and to the Honors College (as appropriate), describing their interest in a career in geology; 3) the selection of the scholarship will be made by the faculty of the Department of Geology, in a manner determined by the faculty; 4) the student must maintain a 3.2 GPA (overall), with a 3.35 GPA in geology; 5) the student must complete the following courses: Calculus (10 hours), Physics with Calculus, Applied Statistics, and one course in either Management or Organization Theory; 6) a senior thesis is required and will be developed with the direction of a Ph.D. Geology faculty member.

*MEDICAL TECHNOLOGY MEMORIAL SCHOLARSHIP FUND: For a scholarship to honor former medical technology graduates or students who are deceased. Recipient is to be selected by the medical technology faculty.

*JACK D. MUNN MEMORIAL SCHOLARSHIP: To provide a scholarship based on financial need to a student majoring in mathematics.

*NATIONAL ASSOCIATION OF WOMEN IN CONSTRUCTION-MAGNOLIA CHAPTER ENDOWED SCHOLARSHIP: To provide a scholarship for a female majoring in Construction Engineering Technology. The recipient will be chosen by a Construction Engineering Technology Faculty Committee.

*RAMI PATEL ENDOWED SCHOLARSHIP: To a capable and deserving student majoring in biological sciences with a 3.0 minimum GPA. The Department of Biological Sciences to select the student.

*THOMAS F. AND MILDRED PUCKETT: To a student in medical technology.

*SHARP ENDOWED CHEMISTRY SCHOLARSHIP: To provide an annual scholarship for a deserving and qualified student majoring in Chemistry. The scholarship will be awarded to a student who maintains a minimum 3.0 GPA. A chemistry/biochemistry faculty committee will review candidates and make an award.

*WILLIAM F. ST. CLAIR ENDOWED SCHOLARSHIP PROGRAM IN PHYSICS: To provide a scholarship for student(s) to pursue their studies in the field of physics. To be selected by the Department of Physics and Astronomy.

*FRED E. AND MARY G. TATUM PREMED SCHOLARSHIP: To offer scholarships to deserving students who are premed students and who are residents of Mississippi. Selections to be made by a faculty committee in the College of Science and Technology.

*BRADY LEO VAN HUSS, JR.: Award to a polymer science student who is a United States citizen preferably from the Southeastern states.

VELEZ FAMILY ENDOWED: To provide premedical scholarships.

*DR. J. FRED WALKER: To an outstanding student in biology or premedicine.

*J. FRED AND MILDRED WALKER – BIOLOGY: To a junior biology major with a high moral character.

*GUY A. WEATHERFORD, III MEMORIAL SCHOLARSHIP FUND: To provide a scholarship for a capable student demonstrating financial need from the State of Alabama majoring in electronics engineering technology. The student should have at least a 2.5 GPA from high school or previous college hours. Preference should be given first to a student from the Birmingham Metropolitan area, second from Jefferson County, and third to a student from the State of Alabama.

*R. LAMAR WINSTEAD: To needy and worthy students who are pursuing a major in one of the following fields 1) math; 2) physics; 3) computer science.

*LOWERY A. WOODALL MEDICAL TECHNOLOGY SCHOLARSHIP ENDOWMENT: To provide a scholarship to a student pursuing a degree in medical technology at USM who demonstrates financial need.

**Recipients to be chosen by the College of Science and Technology.*

Eagle Club

Endowed

*THE 1906 COMPANY: To provide athletic scholarships.

*O.B. BOWEN, III - RICHTON BANK AND TRUST COMPANY ATHLETIC SCHOLARSHIP: To fully fund an athletic scholarship in perpetuity.

*KRISTEN BOWER FOOTBALL SCHOLARSHIP: To provide athletic scholarships to deserving football student-athletes through the Eagle Club.

*JAMES RAY CARPENTER SCHOLARSHIP ENDOWMENT: To provide a golf scholarship for a deserving Southern Miss student-athlete.

*LYNN CARTLIDGE ENDOWED SCHOLARSHIP: To provide an athletic scholarship to a deserving student. Selection to be made by the Athletic Director.

*R.H. CLEGG: To provide athletic tennis scholarships.

*BOBBY COLLINS ENDOWED SCHOLARSHIP: To provide an athletic scholarship to a deserving student. Selection to be made by Athletic Director.

*KENT COLLINS MEMORIAL SCHOLARSHIP FUND: To honor the outstanding senior football player, as selected by the head coach, with selection based on academic achievement, leadership, citizenship, and contribution to the team.

*COMMUNIGROUP, INC. ATHLETIC ENDOWMENT: To provide scholarships for football linemen as selected by football coaches.

*C.L. DEWS: To provide athletic scholarships.

*BRETT AND DEANNA FAVRE FOOTBALL ENDOWMENT: To provide scholarships in football through the Eagle Club.

*PAT FERLISE FOOTBALL ATHLETIC SCHOLARSHIP: To provide a scholarship in football to a defensive lineman through the Eagle Club.

*COACHES LEE FLOYD AND CHARLES FINLEY MEMORIAL SCHOLARSHIP: To provide an endowed basketball scholarship for qualified basketball athletes. Selection to be made by Athletic Department.

*LENNY, JOY AND JOY LYNN GLIDEWELL ATHLETIC SCHOLARSHIP: To be used for scholarships for students through the Eagle Club.

*MELVENE DRAHEIM HARDEE SCHOLARSHIP ENDOWMENT: Award 1/4 of the annual earnings for Eagle Club Scholarship in the name of Tom and Melvene Hardee; 3/4 of the earnings for Melevene Draheim Hardee Music Scholarships.

*DR. E.L. "DOC" HARRINGTON ENDOWED SCHOLARSHIP: To provide a scholarship for a deserving student athletic trainer. The recipient is to be selected by a special committee.

*THE MR. AND MRS. "SMOKIE" HARRINGTON ENDOWED: To provide scholarship(s) to capable and deserving tennis athlete(s) through the Eagle Club. The student(s) is/are to be selected by the head tennis coach. Should the Big Gold Tennis Tournament be reactivated, monies from this would help defray those costs.

*STEPHEN L. HATTEN BASEBALL SCHOLARSHIP ENDOWMENT: To provide a baseball scholarship annually for the player with the highest GPA that exemplifies the spirit of good sportsmanship, fairplay, love of his fellow man and USM. Selection to be made by the athletic academic counselor and baseball coaches.

*THE MICKEY HUDSON BASKETBALL ATHLETIC SCHOLARSHIP: To provide scholarship(s) to a capable and deserving men's basketball student athlete(s) through the Eagle Club. The student(s) is/are to be selected by proper athletic department personnel.

*THE JOE P. PARK GOLF SCHOLARSHIP: To provide a scholarship for golf. Selection to be made by Athletic Director.

*ELIZABETH NEWELL PAYNE LADY EAGLE ENDOWMENT: To provide a scholarship(s) to a capable and deserving Lady Eagle athlete(s). The student(s) is/are to be selected by a committee of Lady Eagle coaches.

*PAUL SALA ATHLETIC SCHOLARSHIP FUND: Eagle Club - athletic scholarships.

*HERSCHEL SHATTLES: To provide funds for the athletic scholarship program.

*LYNN SHATTLES: To provide scholarships for athletics.

*BILL AND CATHY SMITH FOOTBALL SCHOLARSHIP: To award a deserving student athlete a scholarship. Selection to be made by the Head Coach of USM Football Program.

*MIKE AND BETTY STETELMAN: To provide athletic scholarships.

*JOHN STUBBS MEMORIAL SCHOLARSHIP: To provide athletic scholarships.

*REGINALD AND SARA SWITZER ATHLETIC ENDOWMENT: To support the Eagle Club.

*LANCE AND CARA VARNADO FOOTBALL SCHOLARSHIP: To be deposited in the Eagle Club to be used for scholarships for athletic football scholarships.

*MR. AND MRS. BENNETT WILLOUGHBY ENDOWED SCHOLARSHIP: To provide annual athletic scholarships.

**Recipients to be chosen by the Athletic Department.*

Honors College

Annual

*THE MIDDLEBERG FAMILY PRESIDENTIAL SCHOLARSHIP: To provide a presidential scholarship to a capable and deserving student from the greater New Orleans, Louisiana area.

*OLLIPHANT SCHOLARS: Scholars with an ACT of 25 or higher and a high school record that demonstrates leadership, service, and academic achievement.

*USM FOUNDATION PRESIDENTIAL SCHOLARSHIP: To provide a presidential scholarship for student(s) meeting the necessary requirements to be accepted into the Honors College.

*EDNA DAVES YARBROUGH PRESIDENTIAL SCHOLARSHIP: To provide a presidential scholarship on the basis of Christian dedication, belief in God, financial need, and a high respect for the United States Government.

Endowed

*LEE CORNELIUS AND VERA B. BURNS: To provide a presidential scholarship.

*CELLULAR SOUTH PRESIDENTIAL SCHOLARSHIP: This scholarship will include tuition, fees, room and board for a student attending The University of Southern Mississippi. The following conditions will apply unless changed by the donors. 1. Only Mississippi residents will

qualify. 2. The recipients must be accepted and remain in good standing in the Honors College. 3. Only computer science and accounting majors will be considered. Selections will be made by the Dean of the Honors College along with any faculty the Dean may want in the selection process.

*JUDE-DEPREE ENDOWED SCHOLARSHIP: To award a scholarship to a deserving student majoring in accounting who has at least a junior status and is enrolled in the Honors College. In the event there is not a qualified accounting major, preference will be given to Honors College students majoring in (the following order): economics, finance, management, marketing, or information systems. Selection of recipient to be made by Honors College Scholarship Selection Committee.

*CARTER FERGUSON MEMORIAL SCHOLARSHIP: To recognize over a period of two years a junior enrolled in General or Senior Honors with a minimum 3.25 overall grade point average with a non-teaching major or minor in one of the following colleges: Science & Technology, Health and Human Sciences, Education and Psychology, Liberal Arts, Business; and with a non-teaching minor in any other college of the University. The recipient must be a native and legal resident of the state of Mississippi.

*ELIZABETH BOGGAN AND RONALD CHARLES HOWARD FAMILY SCHOLARSHIP: To award a scholarship to a student enrolled at least one academic year in the Honors College. Student must demonstrate financial need and successful academic performance. Eligibility shall also be based on students who are not recipients of university merit-based scholarships. Preference will be given to non-traditional students. Selection of recipient shall be made by the Dean and/or committee within the Honors College.

*THE JORDAN ENDOWED SCHOLARSHIP: To a student majoring in chemistry and currently enrolled in the Honors College. TO BE SELECTED JOINTLY BY HONORS COLLEGE AND CHEMISTRY DEPARTMENT.

*DR. WALLACE KAY SCHOLARSHIP: To provide scholarship assistance to Honors College students. Selection shall be made by th scholarship committee in the Honors College.

*PULLEY, PULLEY, PULLEY, AND GOUGH: To provide a presidential scholarship.

*SCHILLIG/BAIRD SCHOLARS: To provide presidential scholarships to Mississippi residents who have exemplary high school grades and ACT scores, leadership records in high school, letters of recommendations, a writing sample, and interview.

*O.L. AND MARIE B. SIMS PRESIDENTIAL SCHOLARS: To provide a presidential scholarship to an outstanding senior in the Honors College, with the highest grade point average and extra-curricular activities.

**Recipients to be chosen by the Honors College.*

Institute of Marine Sciences

Endowed

*DRS. JULIE AND THOMAS LYTLE COASTAL SCIENCES SCHOLARSHIP: To be awarded to a graduate student who will be attending The University of Southern Mississippi Institute of Marine Sciences Gulf Coast Research Laboratory in the Department of Coastal Sciences. The student should demonstrate financial need and maintain a minimum 3.5 GPA. One half the scholarship is to be given in each of the fall and spring semesters. The department scholarship committee will select the recipient.

USM Gulf Coast

Annual

*ENTEX: HOTEL, RESTAURANT AND TOURISM SCHOLARSHIP: To provide scholarship(s) for USM Gulf Coast student(s) majoring in hotel, restaurant and tourism.

*DOUGLAS LATIMER FONTAINE SCHOLARSHIP: The Mississippi Hotel & Motel Association will provide a $1,500 scholarship each fall semester to a capable and deserving student - USM Hattiesburg or USM Gulf Coast - majoring in hospitality management. Recipient must be a junior or senior-level student with a full time status and a 3.0 GPA. The recipient will be selected by the Educational Committee of the Mississippi Hotel & Motel Association.

*GULF COAST ASSOCIATION OF LIFE UNDERWRITERS: To provide a scholarship for a USM Gulf Coast student enrolled in an insurance or business related program of study. Student must maintain a 3.0 GPA, exhibit financial need, and demonstrate initiative and commitment, and must attend a GCALU luncheon.

*LONG BEACH ROTARY: To a student attending USM Gulf Park in Long Beach, Mississippi.

*MEMORIAL HOSPITAL AT GULFPORT – AUXILIARY: To capable and deserving sophomore students majoring in nursing from the Gulf Coast campus. (from Hancock, Harrison, Jackson, Pearl River, Stone, or George Counties)

*MISSISSIPPI COAST RESTAURANT AND BEVERAGE ASSOCIATION: To award academic scholarships to students at USM Gulf Coast majoring in hotel, restaurant, and tourism. .

*MISSISSIPPI RESTAURANT ASSOCIATION: To award an $800 annual scholarship to a hospitality management major and a $200 annual contribution to USM's Department of Hospitality Management. The scholarship is to be awarded to a full time student - USM Gulf Coast or USM Hattiesburg - majoring in hospitality management. Recipient must be at least in their sophomore year of study with a GPA of 2.5 and working in the hospitality industry a minimum of 20 hours per week.

*A.P. SHOEMAKER, JR. MEMORIAL SCHOLARSHIP: To provide an annual scholarship to a student majoring in nursing with a minimum 2.5 GPA at Gulf Park and a graduate of Mississippi Gulf Coast Community College.

Endowed

*S.L. AND MARGUERITE FAYARD: Selection to be made by Education and Psychology. Recipient must be a resident of Biloxi or D'Iberville, MS. Student must be preparing for a career in a service-oriented profession, i.e., teaching, counseling or social services.

*GENCORP AEROJET: To provide scholarships to USM Gulf Coast students. .

*GULF COAST HOTEL-MOTEL ASSOCIATION: For a Gulf Coast student to pursue studies in the Hospitality Management Program.

*JOE E. HOLLOWAY SCHOLARS: To a student, graduate or undergraduate, with financial need, and who indicates positive leadership and service to the community.

*HSMAI - MAGNOLIA CHAPTER ENDOWMENT: To students majoring in hotel, restaurant, and tourism attending USM Gulf Coast campuses.

*JAMES K. AND ELSIE S. MCGEHEE: To capable and deserving graduates of Long Beach High School or in alternative, a graduate of a public school within Harrison County. Consideration should be given to all-round students rather than those who are eligible for financial aid or academic awards. Preference to USM Gulf Coast Student.

*MISSISSIPPI GULF COAST FOUNDATION: Fairly broad and permits expenditures for student scholarships and other projects and activities that would promote the improvement and development of the USM Gulf Coast programs.

O'KEEFE COMPANIES ENDOWMENT: To a student in the College of Business Administration with academic promise and financial need and who is community service oriented. One-half of the annual award to a student on the Gulf Coast campus and one-half of the annual award to a student on the Hattiesburg campus.

*EDDIE PEDEN MEMORIAL ENDOWMENT: To students attending USM Gulf coast based on need and prior academic record.

*DR. RICK PEDEN MEMORIAL ENDOWMENT: USM Gulf Coast student with financial needs. Use for educational assistance.

*ROGER POULOS MEMORIAL ACADEMIC FUND: To USM Gulf Coast students, graduate or undergraduate, majoring in real estate or a related field in business administration and having an indication from prior records of positive leadership and service to the community.

*HENRY TERRY BUSINESS ADMINISTRATION ENDOWED SCHOLARSHIP: To a deserving student in CBA at Gulf Park.

*DR. ARLINE K. WILLIAMS: To a student enrolled in the Gulf Coast Nursing Program.

**Recipients to be chosen by USM Gulf Coast.*

General Scholarships

Annual

*BAILEY MAGNET SCHOOL, JACKSON, MISSISSIPPI, ANNUAL SCHOLARSHIP: For students who have exemplified high moral character and values and have exhibited potential for leadership and scholarship. Awarded by Bailey Magnet School of Jackson.

BANK OF MISSISSIPPI: Awarded by the University Scholarship Committee. These should be represented in the best interest of the University with preference given to surrounding area students. Economic need should be a factor.

BEAN MOVING AND STORAGE: To provide a scholarship to the dependent of a single parent with financial need. Preference is to be given to a Caucasian, out-of-state student with a minimum 2.5 GPA.

SKIP & DANETTE BEAN: To a capable and deserving student with severe financial need who works full- or part-time off campus. Selection to be made by the University Scholarship Committee.

FRANK CAIN MEMORIAL: To provide a scholarship to a deserving student to aid in the attainment of their education.

CITIZENS BANK OF COLUMBIA: To a deserving Marion County student. .

*MARSHALL DURBIN COMPANIES: To provide scholarship funds to capable and deserving students with preference being given to the children of Marshall Durbin employees and growers. .

GREAT SOUTHERN NATIONAL BANK: To provide scholarship assistance to capable and deserving students from the Hattiesburg area.

L & A CONTRACTING ANNUAL SCHOLARSHIP: To provide a scholarship to a student, junior classification, who has maintained a GPA of 2.5 or better with financial aid a determining factor.

MCI WORLDCOM ANNUAL SCHOLARSHIP: To a capable and deserving full-time student at USM. The applicant must meet or exceed the following standards: (1) entering freshman must have an ACT composite score of 24 or SAT score of 990; (2) community/junior college transfer students must have a 3.0 GPA on a 4.0 scale on at least 54 semester hours of community/junior college work; (3) students currently attending USM or other universities must have a 3.0 GPA on a 4.0 scale. Consideration will be given to applicants who are children of employees of MCI WorldCom.

NEWMAN LUMBER COMPANY OF GULFPORT: To children of employees of Newman Lumber or to a graduate of Harrison Central High School.

OUT OF STATE SCHOLARSHIP FUND: To provide scholarships to out of state students demonstrating academic promise.

*JIM PAYNE ANNUAL SCHOLARSHIP: To award a graduating senior from Woodland Hills Academy, Jackson, MS, who will attend The University of Southern Mississippi, a four-year scholarship. The final selection of the student will be by the USM Scholarship Committee. The faculty and the guidance counselor from Woodland Hills Academy, along with Jim Payne, will recommend students to the USM Scholarship Committee. To renew the scholarship, the student must maintain a 2.5 or better GPA and be involved in extracurricular activities at USM.

POLK'S MEAT PRODUCTS, INC.: To provide a scholarship for a deserving student attending The University of Southern Mississippi in any major with consideration given to dependents of Polk's Meat Products, Inc. The employees must have worked for a minimum of two years with Polk's Meat Products, Inc. If a Polk's employee's dependent is not chosen, the scholarship will go to a Hotel/Restaurant Management major with a least a 2.5 GPA. The 2.5 GPA must be maintained to retain the scholarship.

JAMES RAY AND ANGELINE POSEY MEMORIAL EDUCATION FUND: To provide tuition assistance to two capable and deserving students from Covington or Jefferson Davis County. Preference shall be given to students from an under represented ethnic group. The award shall be equally divided between fall and spring semesters. Recipients must be enrolled as full-time students and must maintain a 2.75 overall grade point average. Finally, it is preferred that the award be offered to students with limited other scholarship assistance. To be selected by Financial Aid.

SCHOLARSHIP FUND BINGO, INC.: To provide a scholarship to a deserving student enrolled at The University of Southern Mississippi who must meet the following requirements: The student must be a graduate of a Pearl River County high school; student's total family household income must not exceed $25,000 annually; student must maintain an overall "C" average annually to qualify for scholarship. Recipients will be awarded $500 in the fall and $500 in the spring semester for up to four total semesters (providing "C" average is maintained). Selection for the recipient shall be made by a committee of eight individuals from the Scholarship Fund Bingo, Inc. Student recipients shall be recommended to the USM Financial Aid Office. If a recipient fails to maintain a "C" average, the remaining scholarship money may be awarded to another academically deserving and financially needy student at USM.

BEN SHEMPER AND SONS, INC.: To provide a scholarship to a Mississippian with financial need with consideration given to dependents of Ben Shemper and Sons, Inc. employees.

*TATUM DEVELOPMENT CORP.: To provide ten annual full tuition scholarships to full-time students at USM who are U.S. citizens and who maintain a 2.5 GPA. Consideration will be given to applicants who are children or relatives of employees of the Tatum Development Corp. and its subsidiaries. Leadership qualities may be considered.

TRUSTMARK NATIONAL BANK, LAUREL: To a capable and deserving Jones County student.

WARD'S OF AMERICA ANNUAL SCHOLARSHIP: To provide a $2,000 annual scholarship to a capable and deserving student from Mississippi. Preference is given to students with financial need. Selection of the recipient is to be determined by the Department of Financial Aid at The University of Southern Mississippi.

Endowed

AMERICAN LEGION POST 139, CLEMENT R. BONTEMPS, RICHARD H. THAMES MEMORIAL SCHOLARSHIP: Award to a worthy undergraduate student. Must maintain a "C" or better average. Children of members of this Post who reside in Hancock County will be given preference.

*ERNEST LEE BACKSTROM MEMORIAL SCHOLARSHIP: Award to a capable and deserving student with financial need. Candidate to be recommended by Student Services Committee appointed by Vice President for Student Affairs annually.

*THOMAS E. AND FRANCES JEROME BOONE SCHOLARSHIP: To award a scholarship each year to a capable and deserving student from Forrest County Agricultural High School. The recipient will be selected by a committee of teachers from FCAHS and the donor(s).

*B.P.O. ELKS NUMBER 599: To provide scholarships to students from either Forrest, Jones, Perry, Lamar, Covington, or Marion Counties. Lodge to make recommendation.

OLA D. AND W. AGNEW BRADLEY, SR. ENDOWMENT: To a capable and deserving student from Wayne County in Mississippi or Choctaw and Washington Counties in Alabama with preference to any direct descendants of W. Agnew and Ola D. Bradley. Selection to be made by a special committee with the USM Foundation.

SAM BRADLEY: To provide a scholarship to an undergraduate or graduate student, based on need.

KATHERINE BROWN: Purpose of restrictions: (1) active military personnel or with preference and priority to dependents of former bootstrappers; (2) dependents of military personnel; (3) other eligible.

OSCAR RAY AND LOIS DAVIS BURKETT ENDOWED SCHOLARSHIP: To provide scholarships for student who demonstrate financial need.

WALTER O./LUTHER CONN ENDOWMENT: To a deserving student from Mississippi with financial need who is willing to accept part-time work. Students are not permitted to use cars if on this scholarship with the exception of nursing majors who may have a car.

JOE COOK ENDOWED SCHOLARSHIP: Preference given to African American students from Lowndes County Mississippi who are first generation college students.

MARION FULLER DAVIS: To provide a scholarship to a student with academic promise or achievement with financial need.

*MARSHALL DURBIN COMPANIES SCHOLARSHIP: To provide scholarship funds to capable and deserving students with preference being given to the children of Marshall Durbin employees and growers.

*THE FACULTY MEMORIAL FUND: To provide a scholarship to children of USM Faculty members who are not eligible for full tuition waiver since 1977. Recipient has to maintain a 2.5 GPA and can receive the scholarship repeatedly.

KATHRYN WILLIAMS FARMER: To a capable and deserving student who needs financial assistance.

L.Y. FOOTE: (1) Economic need a definite factor; (2) best interest of the University with preference given to students in the surrounding area of Hattiesburg.

*GENERAL SCHOLARSHIP ENDOWMENT: This fund is established to award scholarships based on recommendations from Financial Aid to the Director of the USM Foundation. The award will be made after consultation with the executive assistant to the President of the University.

*KYLE GREER MEMORIAL: To provide a scholarship for a graduating senior from Mendenhall High School who has financial need and is a capable and deserving student. The recipient must meet all University of Southern Mississippi admission requirements. The recipient of this scholarship is to be selected by the Mendenhall High School principal, guidance counselor, and with the assistance of Mr. Kelly Greer.

LESTER HADDOX: To be awarded to a capable and deserving student from Marion County who has economic need, good character, and stated goal in life. $950.00

M.C. HAMILTON : Purpose to be established at a later date.

HATTIE LOTT HARDY: To a native Mississippian, preferably from Hattiesburg, for scholastic excellence.

*STEPHEN L. HATTEN SIGMA CHI FUND: To provide scholastic assistance to Southern Miss students who are members or pledges of the Theta Delta Chapter of the Sigma Chi Fraternity. The recipients of these scholarships will be determined by the Theta Delta House Corporation Board of Directors (TDHCBD). In instances permissible by IRS code, the TDHCBD may use the endowed funds for chapter house improvements and educational equipment for chapter use.

HATTIESBURG ROTARY CLUB, GROVER ANDERSON: To a capable and deserving Forrest or Lamar County student. Preference given to children or grandchildren of members of this club to provide tuition cost. Must maintain a 2.5 GPA.

HEALTH RELATED FIELD SCHOLARSHIP: To students who are majoring in a health related field who clearly demonstrate financial need.

*J.D. AND RHODA HERRING: Purpose of the fund is to provide a scholarship to a student from the state of Mississippi with a good academic record. Selection of the recipient shall be based on recommendations of the donor, V.P. Administrative Affairs, and a representative of the USM Office of Development.

*EAST HOLMAN CARS ENDOWED SCHOLARSHIP: To provide scholarships to USM students, both academic and athletic. The President of USM will allocate the funds annually.

SONDRA HOLMAN: To a capable and deserving student with financial need.

HAL R. HOPKINS: To a capable and deserving student from Kemper or Lauderdale County with financial need.

MR. AND MRS. L.C. KIRKLAND: To a capable and deserving student in need of financial assistance.

ETHEL WHATLEY KROKER: To needy and deserving students with preference given to blood grandchildren and blood great-grandchildren born to Mrs. Kroker's brothers and sisters.

*LEE-MCDANIEL: To recognize an outstanding active member of Sigma Phi Epsilon Fraternity that demonstrates and possesses leadership, scholarship, religious involvement, patriotism, and involvement in campus affairs and organizations. The recipient must also be a junior, resident of the Sigma Phi Epsilon house, and have a 2.5 or better GPA.

LEGGETT-SHEARER ENDOWED: To a deserving student from Coahoma, Attala, or Leake County.

MR. & MRS. J.D. LEWIS: Award to a native Mississippian on the basis of citizenship record, economic need, and academic work.

*AUDELLE ROBERTSON LUCAS ENDOWMENT: Purpose to be established at a later date

OSEOLA MCCARTY ENDOWED SCHOLARSHIP: To provide scholarships to capable and deserving students with financial need with consideration given to African-American students from the Hattiesburg area.

REESE D. AND CORINNE H. MCLENDON SCHOLARSHIP: Award to a capable and deserving student who graduated from a public high school.

MR. AND MRS. LOVELLE MORRIS: To a capable and deserving student. Relatives will not be excluded.

WILLIAM WALTER MUNSON: To worthy boys and girls enrolled as regular students.

SUSAN NICHOLSON MEMORIAL ENDOWMENT: To provide an annual scholarship for a student residing in Mississippi who demonstrates financial need and who has clearly demonstrated leadership qualities.

GEORGE W. AND MAE H. OWENS: To a capable and deserving student based on need.

JACK AND LOUISE PACE: To capable and deserving students from Neshoba, Scott, and Simpson Counties.

J. T. PALMER ALPHA TAU OMEGA FOUNDER'S SCHOLARSHIP: To be determined at a later date.

AGNES WILKERSON PEEK ENDOWED: To an outstanding student graduating from Forest High School who maintains a GPA of at least 3.0 on a 4.0 scale.

EDWIN LLOYD PITTMAN: To a capable and deserving student who has satisfactorily completed his/her freshman year. Student must be from Mississippi and not receiving financial aid.

JOHN AND JAN POLK SCHOLARSHIP ENDOWMENT: To provide a scholarship to a deserving student attending The University of Southern Mississippi in any major with consideration given to dependents of employees of Polk's Meat Products, Inc. The employee must have worked for a minimum of two years with Polk's Meat Products, Inc. If a Polk's employee's dependent is not chosen, the scholarship will go to a Hotel/Restaurant Management major with at least a 2.5 GPA. The 2.5 GPA must be maintained to retain the scholarship.

L.A. (TONY) POLK: To provide a scholarship to an undergraduate from Marion County who has financial need and maintains a minimum 2.5 GPA.

CHARLIE H. AND GEORGENA S. PROBST: To a deserving student who maintains a 3.0 GPA or better. Selection will be made by the Financial Aid Office.

M.M. ROBERTS: To capable and deserving undergraduate students who are native Mississippians.

DR. JAMES V. ROBINSON, JR. ENDOWED SCHOLARSHIP: To provide a four year scholarship to an academically deserving freshman entering USM from Magee High School who demonstrates financial need without regard to race, gender, religious preference, ethnicity, or national origin. Selection for this scholarship shall be made by the USM Financial Aid Office.

Recipients must have upon entering USM and maintain a minimum 3.0 (high B) grade point average and demonstrate financial need. Recipients of this scholarship will be required to reapply each academic year to verify academic and financial stipulations are met.

AUDREY SAXON: Purpose to be established at a later date.

ALTON N. "IKIE" SCOTT: To a capable and deserving student with financial need. Preference given to a student from Washington County, Alabama.

G.E. SHOEMAKE SCHOLARSHIP ENDOWMENT: To award to a non-traditional student who clearly demonstrated financial need with preference to students from Forrest & Lamar Counties.

*TOM SHOEMAKER GREEK LIFE ENDOWMENT: To be determined at a later date.

LINNIE COCKRELL AND COLBY D. SIMMONS SCHOLARSHIP: Award to capable and deserving students from Jones and Jasper Counties with financial need.

*DEBRA RENEE SLAY GIRL SCOUT SCHOLARSHIP: Recipient must have a 2.5 GPA, be a recipient of the Gold Award or highest award in Girl Scouts, registered Girl Scout for 5 years, and registered in Gulf Pines Council for 2 years. Recommendation by the Gulf Pines Council.

CECILIA SMITH MEMORIAL: Purpose to be established at a later date.

RODNEY SMITH ALPHA TAU OMEGA 2ND FOUNDER'S SCHOLARSHIP: To be determined at a later date.

T. HIRAM STANLEY: To worthy and needy students.

KEVIN SWANSON MEMORIAL: To provide a scholarship to a needy student with a minimum GPA of 3.0.

THAMES ENDOWMENT: Purpose to be established at a later date.

R.B. AND LEILA THIGPIN: To provide scholarships to deserving students with preference given to (1) Associate of Arts graduates from Mississippi Delta Community College or to (2) graduates from East Central Community College who are natives of Leake County.

E.V. AND CATHERINE THOMAS: To adult women, with preference to displaced homemakers, who need to train for a career for economic security as recommended by the director of Adult Services Office.

W. A. THOMSON: To a capable and deserving student in the Hattiesburg area.

DOUGLAS ALLEN TRAWEEK: To a senior who has financial need with preference to Clarke County residents.

*USS BILOXI (CL-80) SCHOLARSHIP FUND TO HONOR ALL WHO SERVED IN THE USS BILOXI (CL-80): To be used to award an annual scholarship of $1,000 to a graduating senior from Biloxi High School, Biloxi, Mississippi, who has met all admission requirements of The University of Southern Mississippi as an entering freshman. The recipient shall be selected under the procedures established by the administration of Biloxi High School. In addition, the fund will be used to award a second scholarship of $1,000 to each recipient provided he or she satisfactorily completes the academic requirements of his or her freshman year and remains enrolled for his or her sophomore year at USM. It is the intent of the association to award the annual scholarship of $1,000 to the recipient for his or her junior and senior year of study at USM, providing the expendable interest accured annually is available and in keeping with the USM Foundation spending policy.

THOMAS WALTON MEMORIAL: Purpose to be established at a later date.

W.H. WEATHERSBY: To provide scholarship funds for a male or female single parent who clearly demonstrates financial need. The recipient is to be selected by a scholarship committee comprised of a representative from Financial Aid, the USM Foundation, and a faculty member.

WHAT-SO-EVER-CIRCLE OF THE KING'S DAUGHTERS AND SONS OF HATTIESBURG, INC.: To provide scholarship assistance to a worthy and needy student of high moral character with preference given to a resident of Forrest and Lamar Counties of Mississippi.

EDNA DAVES YARBROUGH: Award on the basis of Christian dedication, belief in God, financial need, and a high respect for the United States Government. Baptist Student Union to make recommendations.

**Recipients to be chosen by a specific organization.*

Student Life

Student Activities

The primary source of extra curricular activities at The University of Southern Mississippi is the multitude of student organizations and activities. Some 202 student organizations include all categories of participation: service, social, religious, professional, honorary, and on and on to provide an opportunity for almost any interested student to participate. While these activities are outside of or "extra to" the formal curricula, they are unquestionably a part of the student's total experience while he or she is enrolled at The University of Southern Mississippi.

In addition to the numerous student organizations, there are groups which, by their representative function, serve the entire student body in their various capacities and areas. These groups are: Student Government Association and University Activities Council.

While these groups are deliberative and propose to represent the views and wishes of the entire student body, other student governing groups may be found in the residence halls, the fraternity and sorority system, and the international student community.

Athletics

The University of Southern Mississippi is a member of Conference USA and the National Collegiate Athletic Association.

Intercollegiate sports are football, basketball, baseball, tennis, golf, indoor and outdoor track, cross-country, and women's tennis, basketball, golf, cross-country, volleyball and indoor and outdoor track.

Organizations

The Arts Organizations—American Institute of Graphic Arts, Chi Tau Epsilon, Mu Phi Epsilon, Phi Mu Alpha Sinfonia, Southern Cabaret, Tau Beta Sigma (Band).

Business Organizations—American Marketing Association, Association of Information Technology Professionals, Beta Alpha Psi, Business Student Advisory Council, Financial Management Association, Institute of Management Accountants- Student Chapter (Accounting), National Association of Business Economists, Omicron Delta Epsilon (Economics), Phi Beta Lambda (Business Student Organization), Phi Chi Theta (National Business Organization), Sigma Iota Epsilon, Society for Advancement of Management, Student Economic Development Association.

Education and Psychology Organizations—Industrial Organizational Psychology Student Association, Kappa Delta Pi (Education), Psi Chi (Psychology), Psychology Club, Student Affiliates in School Psychology, Student Council for Exceptional Children, Student Education Association.

Games and Athletic Organizations—Badminton Club, Billiards Association, Chess Club, Cycling Club, Diamond Darlings (Baseball), Disc Sports Club, Divers Association (Scuba Club), Gold Tenders (Basketball), Golden Girls (Football), Judo Club, Martial Arts Club, Men's Soccer Club, Power Lifting Team, Rugby Club, Shotokan Karate Club, Sports Officials Association, Student Athlete Advisory Committee, Table Tennis Club, Volleyball Club.

General Honor Societies—Alpha Lambda Delta (Freshmen Scholarship), Gamma Beta Phi (Service), Golden Key National Honor Society (Scholarship), Lambda Sigma (Sophomore Leadership/Scholarship), Omicron Delta Kappa (Leadership/Scholarship), Phi Eta Sigma (Freshman), Phi Kappa Phi (Scholarship), Phi Sigma Pi National Honor Society, Pi Sigma Alpha Honor Society (Political Science), Rho Eta Alpha (Residence Life).

Graduate Student Organizations—Chemistry and Biochemistry Graduate Student Forum, Counseling Association for Master's Students, English Graduate Organization, Graduate Association of Students in Psychology, Graduate Business Association, Graduate Student Association, Graduate Student Forum in Biological Sciences, Gulf Coast Student Association of Social Workers, Marine and Estuarine Graduate Student Association, Student Oceanographic Society, Student Personnel Association.

Greek Organizations—Gamma Sigma Alpha (Honor Society), Greek Seekers, Interfraternity Council, Junior Greek Council, National PanHellenic Council, Order of Omega, Panhellenic Council. **Sororities**—Alpha Delta Pi, Alpha Kappa Alpha, Chi Omega, Delta Delta Delta, Delta Gamma, Delta Sigma Theta, Kappa Alpha Theta, Kappa Delta, Phi Mu, Pi Beta Phi, Sigma Gamma Rho, Zeta Phi Beta. **Fraternities**—Alpha Phi Alpha, Alpha Tau Omega, Delta Tau Delta, Kappa Alpha, Kappa Alpha Psi, Kappa Sigma, Phi Beta Sigma, Phi Kappa Tau, Pi Kappa Alpha, Pi Kappa Phi, Sigma Alpha Epsilon, Sigma Chi, Sigma Nu, Sigma Phi Epsilon, Tau Kappa Epsilon.

Health and Human Sciences Organizations—American Society of Interior Designers, Child Life Student Association, Eta Sigma Delta, Eta Sigma Gamma, Exercise Physiology Club, Hospitality Management Club, Kappa Omicron Nu (Home Economics), Physical Education/Kinesiology Club (PEM/KT), Professional Convention Management Association (PCMA), Recreation Majors Association, Social Work Club, Sociology Club, Sport Professionals Student Association, Student Association of Student Family and Consumer Sciences, Student Dietetic Association, Student Sports Medicine Association.

Liberal Arts Organizations—Anthropological Society, Gamma Theta Upsilon (Geography), Lambda Alpha (Anthropology), Lambda Alpha Epsilon (Criminal Justice), Lambda Pi Eta (Speech Communication), Library and Information Science Student Association, Logos Philosophy Club, Paralegal Society, Phi Alpha Theta (History) Prelaw Society, Public Relations Student Society of America, Society of Future Attorneys, Sociology Club, Southern Cinema, Speech Communication Association, Student Speech and Hearing Association.

Military Organizations—Air Force—Air Force ROTC, Angel Flight, Arnold Air Society. **Army**—Army ROTC Golden Eagle Battalion, Scabbard and Blade.

Nursing Organizations—Christian Nursing Fellowship, Nurses Working for Cultural Diversity, Student Nurses Association

Religious Organizations—Anglican Student Fellowship, Association of Baptist Students, Baptist Student Union, Campus Crusade for Christ, Catholic Student Association, Church of God in Christ Fellowship, Crossroads Student Ministry, Episcopal Church, Fellowship of Christian Athletes, Golden Eagle Student Fellowship Center, Jewish Student Union, Latter Day Saints Student Association, Lutheran Student Fellowship, Muslim Student Association, Presbyterian Fellowship, Reformed University Fellowship, Southern Christian Student Center, Wesley Foundation.

Residence Hall Organizations—Residence Hall Association.

Science and Technology Organizations—Alpha Epsilon Delta (Pre-Med), American Chemical Society, American Institute of Building Designers, American Society of Mechanical Engineers, American Society of Safety Engineers, Association for Computing Machinery, Beta Beta Beta (Biology), Construction Specification Institute, Institute of Electrical and Electronics Engineers, Kappa Mu Epsilon (Math), Medical Technology Club, National Association of Home Builders, National Society of Black Engineers, Polymer Science Association, Sigma Lambda Chi (Architecture and Construction), Sigma Pi Sigma (Physics), Society of Manufacturing Engineers, Society of Physics Students, Society of Women Engineers, Southern Geological Society, Student Constructors, Tau Alpha Pi (Engineering Technology), Upsilon Pi Epsilon (Computer Society).

Other Student Organizations—African Student Association, Afro-American Student Organization, Alcoholics Anonymous, Chinese Student Association, Circle K International, College Republicans, Convention of American Instructors for the Deaf, Eagle Connection, Family for Diversity, Habitat for Humanity, Honors Student Association, International Relations Club, Irish Dance Society, National Association for the Advancement of Colored People (NAACP), Peers Educating Peers (PEP), Phi Theta Kappa, Program of Assistance, Counseling, Education, and Resources for Students (PACERS), Rho Gamma, Signing Eagles, Society for Creative Anachronism, Southern Style, Student Alumni Association, Student Government Association, Student Government Association-Senate, Student Greens (Environment), Student Musicians Organization, The Student Printz, Students for Progress, Students Looking Out for Others, Students Promoting Educating and Empowering for Diversity (SPEED), Union Advisory Board, United Women for Advancement of American's Youth, University Activities Council, V.I.S.I.O.N., Women's Collective, Young Democrats.

Dramatic, Musical and Other Performing Groups—The University's preeminence in the fine arts fields of theatre and music is reflected in the prominent role of student performing groups. The Debate Squad and the University's own radio station also encourage student performance.

The USM Repertory Dance Company is open to all university students by audition and is sponsored by the Department of Theatre and Dance. This performance group presents reconstructions of masterworks and original choreography in informal and formal concerts, lecture demonstrations, workshops, and tours. Auditions are held at the beginning of each semester.

The University Theatre is the campus dramatic organization sponsored by the Department of Theatre and Dance. Open auditions are held for all productions and any student enrolled at the University is eligible to participate.

The Opera Theatre, open to all students of the University by audition, performs many works of musicodramatic interest during the year.

The Oratorio Chorus, a large symphonic chorus, is open to students and members of the Hattiesburg community. Its two major concerts each year highlight the masterworks of Western art music for chorus; no audition is required.

The University Chorale is a select choir made up of auditioned singers. Their repertoire, performed on campus and on tour, encompasses sacred and secular music from all music eras.

The University Singers is a mixed chorus of about sixty voices. One of the most popular of campus groups, its frequent performances touch a varied repertoire of music for chorus. Audition is required.

Jazz Singers is a small select ensemble made up of excellent student singers who concentrate on performing vocal music in the jazz idiom, especially original music and arrangements made popular since 1960. Membership is by audition only.

Carillon, select ensembles, tour regularly, ringing about forty performances a year. Carillon, a handbell group, concentrate on contemporary sacred music. An audition is required.

The Symphonic Wind Ensemble, the Symphonic Band, and the Concert Band are open to all University students by audition. The University's bands have an outstanding record of service to the University and the state.

The Marching Band, known as the "The Pride of Mississippi," presents colorful halftime shows at the University football games and appears regularly on national television. It is open to all University students.

The Dixie Darlings, a precision drill group, open by audition to the best girl dancers of the University, are well-known nationally through their many televised appearances with the Marching Band.

Chamber Music (i.e., small, expert, student ensembles) includes brass, woodwind, string quartets; large homogenous groups (e.g., Trombone Choir); and groups devoted to the performance of early music (e.g., Collegium Musicum). For information, please consult the School of Music, Fine Arts Building, Room 211.

The Percussion Choir and Marimba Ensembles utilize programs of original music for chamber percussion performance.

The Jazz Laboratory Bands are full-size modern jazz ensembles which play the latest arrangements of music in the big band contemporary idiom.

The University of Southern Mississippi Symphony, open to all students and faculty members of the University by audition, gives a number of concerts each year in addition to assisting with oratorios and operas.

Service awards are available to talented students. Auditions may be arranged through the School of Music.

WUSM-FM is a University-owned public radio station which serves the diverse educational and cultural needs of the Hattiesburg community. Students interested in joining the WUSM-FM staff should contact the radio station.

Student Government Association

The Student Government Association (SGA) of USM consists of all students enrolled in the University. It is structurally set up with executive, legislative, and judicial branches. The officers of the SGA comprise the executive branch, elected representatives from the academic colleges and places of residence make up the Senate or legislative branch, and the student courts comprise the judicial branch.

The SGA, however, is much more than a structured student organization. It is the official voice of the student in University affairs. In addition, the SGA serves the student in special services and projects, along with providing representation on committees and boards.

SGA projects and services include the Miss Southern Pageant, student elections, spirit activities, recruiting, legal services, and a health insurance program.

The Student Government Association is constantly striving to improve programs and services available to the USM student population. By working with the University administration and voicing student concerns, the SGA promotes the welfare of all students in all phases of university life.

Student Publications

The Student Printz, winner of many national awards, is the University newspaper published semi-weekly by a staff of students under the direction of faculty advisers. ***The Southerner*** is a yearly publication, published by a student staff under the direction of the Assistant Director of Student Activities. A handbook for students is also published by the Assistant Director of Student Activities.

University Activities Council

The University Activities Council is a student-run organization and USM department consisting of 50 members, alternates, and affiliate members. The UAC plans, promotes, and produces an array of entertainment for the USM community including the movies series, comedians, lectures, and various festivals.

The UAC is funded by students' fees and budgets the money to provide low cost, quality entertainment for the USM community.

Holding membership in the National Association of Campus Activities (NACA), the UAC keeps abreast of collegiate programming trends and developments throughout the nation as well as the South.

The Student Community and Campus Life

Department of Residence Life

The Department of Residence Life feels very strongly that the educational benefits for residence hall students extend far beyond the classroom experience. Every effort is made to offer on-campus students the opportunity to take part in cultural, scholastic, athletic, and social programs developed by the residence hall staff. In addition, residence hall students experience cross-cultural living experiences which help promote open-mindedness, tolerance, and leadership–a philosophical goal of Residence Life.

All **residence halls** are fully air conditioned with the capacity of offering diversified housing options to an on-campus population of 3,420 students. Elam Arms-South, Hillcrest and Mississippi for women, and Elam Arms-North, Hattiesburg, and Vann for men, are arranged in suite fashion with 4-6 students sharing a bath. Bolton, Hickman, Jones, Pulley, Scott, and Wilber (Panhellenic) for women, and Bond and Roberts for men, are arranged with baths conveniently located on each floor.

Application for campus housing should be made at the time of application to the University. The priority deadline for residence hall space is February 1. Applications received after February 1 will be processed based on space availability. Assignment of a student to a residence hall is incomplete until full prepayment and a signed rental agreement have been received by the Department of Residence Life by the stated deadline. Although preferences are honored when possible, the application is for accommodation in the residence hall and not for a specific roommate or specific hall. Upperclass assignments are made based on date of application into specific halls. Freshman assignments are made based on date of application into random freshman residence halls.

Students signing a rental agreement are obligated to both Fall and Spring semesters. Cancellation of the rental agreement can be made in cases of marriage, graduation, withdrawal, co-oping, student teaching, or interning. Notification of cancellation must be made in writing by the designated deadlines. Cancellations received after the deadlines will result in forfeiture of the entire prepayment amount. Students who have not cancelled by their designated deadline and are planning to enroll at the University with paid prepayment and signed contracts will be held to the terms and conditions of the academic year residence hall rental agreement.

Applications for campus housing should be mailed to:

Department of Residence Life
Box 5064
Hattiesburg, MS 39406-5064

The Department of Residence Life accepts applications for housing assignments regardless of age, race, creed, color, or national origin. In compliance with the Civil Rights Act of 1964 and University policy, housing assignments will not be made on a segregated basis.

Family Housing

Pine Haven Apartments, consisting of two hundred and ninety-six (296) one-two-and three bedroom unfurnished units, are available for married students and single and married students with custody of children. Apartment priority is based on the date of application and/or occupancy.

The rent is due and payable at registration. Students obligate themselves to the full fee for one semester's rent when they move in, unless they withdraw from the University. A deposit of $75.00 is required at the time of application. Refund of rent due to withdrawal from the University is followed according to the University tuition refund schedule. Cancellation of the rental agreement must be made forty-five (45) days prior to the semester of cancellation. Notification of cancellation after the deadline obligates students to payment of rent for the following semester if enrolled, or forfeiture of deposit if not enrolled. Applications and brochures may be secured at the Pine Haven Office or by writing the Department of Residence Life.

Food Services

The Department of Food Services serves tasty and nutritious meals seven days a week during all school terms. Choices include: two entrees, assorted vegetables and desserts, and self-service salad and drink bars. In addition, a lite line, a deli-line, and a variety line are offered in the University Commons. Dining services are also available in Hillcrest and Elam Arms. Students on a 5-Day or 7-Day Basic Meal Plan may choose where to dine on a meal to meal basis.

ALL STUDENTS LIVING IN A RESIDENCE HALL OR A FRATERNITY HOUSE ARE REQUIRED TO PURCHASE A 5-DAY OR A 7-DAY BASIC MEAL PLAN.

A Snack Plan may be added to a Basic Meal Plan. It may be used at Seymour's, Columbo Yogurt and Java Coast Coffees, Seymour's Plaza Express, PlazaToo, and Seymour's Atrium Cafe. The Snack Plan may also be used to supplement a 5-Day Basic Plan and allows for occasional weekend meals in the Commons.

Seymour's, Columbo Yogurt and Java Coast Coffees, Seymour's Plaza Express, PlazaToo, and Seymour's Atrium Cafe offer a variety of snacks, short orders, and beverages. Purchases at these establishments are a'la carte.

A Commuter Plan is available for off-campus students. This plan operates much like a checking account. Each time a purchase is made, the amount of the purchase is deducted from the balance. With a Commuter Plan, meals at the Commons, Elam Arms, and Hillcrest are purchased at a discounted price. The Commuter Plan may be used in all the dining facilities on campus.

All meal plans may be purchased during registration or at the Food Services office located in the Commons.

Meal Ticket Exemptions

Meal ticket exemptions are allowed only for those students with modified diets which cannot be prepared by the University Food Services and for those students with internships which conflict with cafeteria serving hours. Those students who may qualify for an exemption should make arrangements for an evaluation **PRIOR TO REGISTRATION.** However, those not arranging for an evaluation prior to registration should go to the Food Services Office in the University Commons after registering for classes. Those students who have not completed the requirements for a meal ticket exemption prior to registration will be charged for a meal ticket during the registration process. As a result of the extensive serving hours in the University Commons, work-related exemptions will not be permitted.

Medical Exemptions

Those students with a medical problem requiring a modified diet who feel their needs cannot be met by the University Food Services should make arrangements to have their diet evaluated by the registered dietitian before registration. Documentation required for this evaluation includes a prescription signed by a physician which specifies the student's modified diet and a copy of the modified diet. The University Commons offers a special diet program or weight watchers. The line caters to weight watchers as well as to those students with medical problems which require special diets.

Academic Related Exemptions

Requirements:

A student must miss a minimum of fifty percent of meals served per week. The meals missed must be due to an internship.

Documentation Required:

1. A statement, on letterhead stationery, signed by the student's adviser, giving the student's hours, on a daily basis, Monday through Friday.
2. A copy of the student's Advisement and Registration Appointment Form which shows the student's class schedule.

Work Related Exemptions

University Policy DOES NOT allow for meal ticket exemptions for students holding part-time or full-time employment.

University Facilities and Student Services

Automobiles on Campus

Students, employees, and frequent visitors of the University are required to purchase parking permits to register their automobiles with the University Police Department. Temporary permits are issued when a vehicle is to be on the campus less than fourteen days. Parking zones have been established along with other regulations. A brochure which details traffic and parking regulations may be secured from the University Police Department. Penalties are assessed for violations of regulations.

Career Planning and Placement

Career Planning and Placement offers a variety of services and resources related to employment. The **Student Employment Division** offers the student an opportunity to obtain part-time employment while enrolled as a regular student at USM. The service is comprehensive in that it involves jobs both on and off campus. Students receiving financial aid in the form of federal work-study are assisted in finding an on-campus job.

The **Cooperative Education Program** affords the student the opportunity to gain a complete education with periods of work related to the student's major. The Cooperative Education Office assists in securing meaningful jobs that will give the student practical work experience and financial support to aid in his or her education. The basic qualifications for the undergraduate Co-op Programs are as follows:

1. The student must maintain at least a 2.50 GPA.
2. The student must have completed 28 semester hours.
3. The student must be enrolled full-time at USM.
4. The student must be in good standing with the University.

The Office of Cooperative Education will determine the eligibility of students to participate in the program. Each student's record of performance will be periodically reviewed once an active participant, and he or she may be placed on probation or removed from the program when failing to meet minimum requirements.

The **Placement Center** provides assistance to graduating seniors, graduates, and alumni in obtaining career employment after graduation. Students seeking career employment should register with the Placement Center by purchasing a Disc Resume during the last semester of their junior year or the first semester of their senior year. The Disc Resume allows students access to an employer data base and resources useful in beginning a job search. In addition, students are included in a data base allowing employers to tailor searches for prospective employees. The Placement Center refers resumes and other materials to prospective employers. The system provides the flexibility for students to update their files as often as necessary and to generate a resume meeting specific criteria of a given job opening. Placement services may be used by graduates as often as needed and files are kept active for five years. If there is no activity related to the file for a five year period, files are purged from the system.

The Career Center

The Career Center offers individuals assistance in the process of examining and exploring career opportunities. The following services are available:

Career Counseling—Assistance in clarifying each individual's career picture, including education necessary to achieve one's goals as well as an action plan.

Individual Vocational Testing—Career tests administered by the counselor to assist an individual in determining vocational areas of interest. An understanding is gained of one's interests, skills, personality, and values.

Career Resource Center—Contains information on numerous occupations, giving an overview of job descriptions, salaries, advancement opportunities, and trends.

Job-Finding Skill Development—Discussion of the interviewing process, the hidden job market, job seeking skills, and resume writing.

Computerized Vocational Guidance—Software programs which facilitate the career decision making process and contain current information on various career fields.

For more information call or write:

Career Planning and Placement
The University of Southern Mississippi
Box 5014
Hattiesburg, MS 39406-5014
(601) 266-4153

Health Services

The USM Student Health Service (Clinic) can provide the students, faculty, and staff with the same services available at a family doctor's office. The Student Health Service provides a wide range of services, including laboratory testing, x-ray, pharmacy, dietary counseling and educational services. The Student Health Service is staffed by several competent physicians and nurse practitioners. The

Student Health Service is located on the West side of Kennard-Washington Hall. During the Fall and Spring semesters, the Student Health Service hours are 8 a.m. to 5 p.m., Monday through Friday.

The USM Student Health Service is accredited by the Joint Commission on Accreditation of Healthcare Organizations (JCAHO) and is a member of the American College Health Association. For more information please call (601) 266-5390.

Office for Disability Accommodations (ODA)

In accordance with the **Rehabilitation Act of 1973 and the Americans with Disabilities Act (1990)**, The University of Southern Mississippi provides reasonable accommodations for students with disabilities through the Office for Disability Accommodations (ODA). ODA verifies eligibility for accommodations and works with eligible students to develop and coordinate plans for the provision of accommodations. Eligible students include those who are enrolled in degree and non-degree programs offered by The University of Southern Mississippi, are considered qualified to meet all university program requirements despite a disability, and meet the definition of disability as defined by the Rehabilitation Act of 1973 and the ADA.

Accommodations/services available include test-taking accommodations, interpreters, note-takers, and readers. In order to receive appropriate and timely accommodations, eligible students should contact the ODA before the semester begins to file an application and submit documentation of disability for review. The ODA is committed to creating a positive campus environment where students with disabilities are encouraged to pursue careers on the basis of personal interest and ability.

For an application and guidelines for documentation of disability, write the Office for Disability Accommodations, Box 8586, The University of Southern Mississippi, Hattiesburg, MS 39406-8586 or call (601) 266-5024 or TTY (601) 266-6837 or FAX (601) 266-6035.

R.C. Cook University Union

The center of student activities at The University of Southern Mississippi is the R.C. Cook University Union, which houses the student organization offices, Seymour's, recreational area, and meeting rooms. Students use the facilities of the University Union for recreation, social, religious, and organizational activities. The Union holds membership in the Association of College Unions—International.

Recreational Sports

For students, faculty and staff who wish to participate in leisure, fitness, or competitive programs, the Division of Recreational Sports offers "Something for Everyone." Housed in the **Payne Center**, the division and its staff work to provide an opportunity for the campus to take advantage of a variety of recreational and fitness-related services which include massage therapy, personal fitness instruction, Intramural Sports, Aquatics, Fitness, Outdoor Adventure Program, Sport Clubs, and Informal Recreation activities. The Payne Center is one of the few multi-purpose facilities in the nation integrating the concepts of fitness and recreational sports. It offers accessibility to the disabled and contains many indoor recreational facilities. These include four basketball/volleyball courts, six badminton courts, four championship racquetball courts, an international size squash court, a six-lane indoor pool (**M.C. Johnson Natatorium**), a $\frac{1}{8}$ mile indoor exercise track, outdoor volleyball courts, Atrium Cafe, sauna, free weight and circuit training room, and cardiovascular workout room. The Payne Center also has conference, meeting, seminar, and banquet facilities where students, faculty, staff, and alumni can attend wellness related workshops and events. These facilities are also available for reservations for events sponsored by university organizations. Recreational Sports also offers outdoor facilities such as the **sundeck** at the Payne Center, the **Intramural** and **Sports Arena Fields**, and **Lake Sehoy**. Outdoor activities and programs available include over 40 Intramural Sports events from Flag Football to Putt-Putt Golf, and 9 Sport Clubs including Shotokan Karate, Martial Arts, disc club (ultimate frisbee and frisbee golf), swim club, men's soccer, cycling (on and off road), sports officials association, men's volleyball and men's rugby. Lake Sehoy offers picnic areas, boating, fishing, putt-putt golf, frisbee golf, and a pavilion and log cabin for retreats and other special events. The Sports Arena is located on campus and contains three high school regulation size basketball courts. All indoor and outdoor facilities, activities, and programs are supervised by First Aid/CPRO trained personnel to promote a safe recreational environment for participants. The **Fitness Assessment Center** and **Fitness Counseling** staff also provide services which include comprehensive health evaluation, fitness assessment, and exercise prescription for the University community at a nominal fee. A pro shop is also available. For more information regarding Recreational Sports programs and services, please call (601) 266-5405.

University Counseling Center

The University Counseling Center provides individual, group and couples counseling for students, faculty, and staff. The general goal of the Center is to provide growth experiences that enhance individual's functioning and improves their ability to communicate in interpersonal relationships. We assist members of the University community in developing their full potential and in coping with various life stressors. Individuals seek our services for a wide variety of reasons. Many of these reasons include experiencing depression, anxiety, relationship concerns, low self-esteem, substance use/abuse, sexual orientation concerns, difficulties coping with past or recent trauma, problems with eating behaviors, and difficulties adjusting to university life. All counseling services are provided at no charge. Contacts with counselors at the Center are confidential. The Center's current professional staff consists of three doctoral psychologists, two master's level counselors, and one predoctoral psychology intern.

Other services provided by the Center include outreach and consultation offered to the larger university community. These services often include providing education and prevention programs to student groups, academic departments, and other campus organizations, serving on panel discussions, and advising student groups.

Other programs administered by the Counseling Center include the On Campus...Talking About Alcohol (OCTAA) program, the Program of Assistance, Counseling, Education, and Resources for Students (P.A.C.E.R.S.), the Eating Disorders Treatment Team, the Faculty Staff Assistance Program, and the Southern Mississippi Psychology Internship Consortium (a predoctoral internship program accredited by the American Psychological Association).

The University Counseling Center is located in 200 Kennard-Washington Hall. To find out more about any services provided by the Center or to arrange for counseling, call (601) 266-4829 between 8:00 a.m. and 5:00 p.m., Monday-Friday. Students may walk in for assessments Monday-Friday from 8:45 a.m. - 10:30 a.m. and from 1:45 p.m. - 3:30 p.m. The Center also provides after hours emergency services for the University community. To use these services individuals can call 266-4911 and ask for the counselor on call.

The Counseling Center is also responsible for the administration of the University Testing Center. The Testing Center is located in 213 Walker Science Building and is responsible for coordinating the following paper-pencil based standardized tests: the ACT, the GRE Subject Tests, the LSAT, the MCAT, and the PRAXIS I and II. The Testing Center also provides computer-based testing services for the following tests: The TOEFL, the PRAXIS I, the GMAT, and the GRE General Test. To register for any of the aforementioned tests, contact the Testing Center at (601) 266-6123.

Veterans Affairs

Veterans Affairs are administered through the Office of the University Registrar. Assistance is given to veterans and dependents of eligible veterans to enable them to derive the maximum benefit from their veterans' educational entitlement.

General Academic Information

Registration

Students should pre-register each semester at the designated time using the touch-tone registration system, **S.T.A.R.S**. Specific directions are published in the ***Class Schedule Guide.***

Registration will continue after the close of the scheduled registration period (see Calendar) for five class days.

A late registration fee will be charged to all students registering after the scheduled registration period. The fee is fifty dollars ($50.00).

Add/Drop/Withdrawal

A student is permitted to drop a course without academic penalty up to and including approved dates published in the *Class Schedule Guide*. After the deadline, a student may drop a course only in the event of extenuating circumstances and with permission of the instructor, department chair, and dean of the college offering the course, at which time the student will receive a grade of **WP** or **WF**.

A student is permitted to add a course after the deadline of five class days with the permission of the instructor, department chair, and dean of the college offering the course. However, a student will not be allowed to add a course after the last day to drop without academic penalty as published in the *Class Schedule Guide*.

A student withdrawing from the University prior to the deadline for dropping classes will not receive any grades. His or her record will show the date of withdrawal only. A student withdrawing after the deadline for dropping courses will receive a grade of **WP** or a grade of **WF.**

Withdrawal Procedures

A student finding it necessary to withdraw from the University must begin the process with the dean of his or her college who shall initiate the Withdrawal and Refund Authorization Form. A student who is undecided on a major must begin the process in the dean's office of the College of Liberal Arts where the Withdrawal and Refund Authorization Form will be initiated. **The telephone registration system (S.T.A.R.S.) may not be utilized to withdraw.**

Refund Policy

The withdrawal deadline for receipt of a grade has nothing to do with the refund schedule for fees. A student who officially withdraws after enrollment may obtain a refund in accordance with the refund.

Appeals for refunds due to extenuating circumstances may be made in writing to:

Vice President for Business and Finance
The University of Southern Mississippi
Box 5005
Hattiesburg, MS 39406-5005

Enrollment Status

Full Time Status: The typical student load is twelve (12) to nineteen (19) semester hours. Nine (9) to fourteen (14) hours is considered a full load during the summer session. Nineteen (19) hours is the maximum load without dean of college approval.

Classification of Undergraduates: A student is classified as a: Freshman when he or she has less than 27 semester hours of earned credit: Sophomore with as many as 27 semester hours but less than 54 semester hours: Junior with as many as 54 hours but less than 87 hours; Senior with 87 or more semester hours of earned credit.

Course Numbering: Freshman courses are numbered from 100 to 199; sophomore courses from 200 to 299; upper division courses from 300 to 499; graduate courses 500 or above. Honors courses carry the prefix H.

Course Sequence and Related Sequences: Certain 100- and 200-level courses may not be taken for credit by a student after he or she has completed higher level courses in the same subject area. Also, certain sequences of courses may not be taken for credit after a student has completed parallel courses which are similar in subject matter. Specific applications of this policy are indicated in the numbered course descriptions in the Course Description Section of this Bulletin. Selection of the courses, as well as exceptions to the policy, is left to the department chairs.

Absences

Students are expected to attend class each time the class meets. When it is necessary that a student be absent from a class, courtesy requires an explanation to the instructor in charge. Class attendance policy will be set by the professor. It will be the responsibility of each professor to notify his or her class at the outset of each semester as to the attendance requirements.

Final Examinations

Examinations will be held as published in the *Class Schedule Guide*. No final examinations are permitted prior to the scheduled examination period (see Calendar). A student who is absent from the final examination without valid reason approved by the Office of the Provost forfeits credit for the semester.

Grades

A — indicates excellent work and carries 4 quality points per semester hour.

B — indicates good work and carries 3 quality points per semester hour.

C — indicates average work and carries 2 quality points per semester hour.

D — indicates inferior work and carries 1 quality point per semester hour.

E — indicates a course in progress. Not included in the grade point average, a grade of E shall be awarded for graduate thesis, recital and dissertation courses and for such self-paced or skill courses as the Academic and/or Graduate Council may designate. An E shall be changed to a P only in the case of credit for thesis and dissertation and then only for the last recorded credit for these courses. Otherwise, the E remains on the record indicating that to receive credit the student must re-register for the undergraduate course, repeating it on a regular basis until completing it. Upon completion, the appropriate grade, whether P or valuative, shall be assigned.

F — indicates failure and carries no quality points.

I — indicates that a student was unable to complete course requirements by the end of the term because of extraordinary circumstances beyond his or her control. Poor performance or unexplained absences are not a justification for the assignment of an I. If an I has not been removed by the end of the next semester (excluding summer term), it automatically becomes an F. Students are prohibited from enrolling in any course for which the current grade is I.

AW—indicates administrative withdrawal.

WP—indicates withdrawal from a course passing after the deadline for dropping courses.

WF—indicates withdrawal from a course failing after the deadline for dropping courses. (This grade is computed in the GPA as F.)

P — indicates a passing grade in courses taken on a pass-fail basis (does not count in computing GPA).

Pass/Fail Grading Option

Students may choose to take elective courses on a pass-fail basis. The option must be exercised at the time of registration, and the option may not be altered after the deadline for adding courses. No more than thirty-six (36) semester hours earned in independent study or pass-fail courses, with a limit of eighteen (18) semester hours of pass-fail courses, may be applied toward a degree. No more than twelve (12) semester hours earned from the same department by independent study or pass-fail courses may be applied toward a degree. A student may not take a course on a pass-fail basis to repeat a course for the purpose of improving the grade point average or to remove an **Incomplete**. Such courses cannot be a part of a prescribed degree program, i.e., core requirements, major, or minor. A failing grade in a pass-fail course is recorded as F and is computed in the grade point average in the same manner as other failing grades.

Auditing Courses

A student who takes a course for audit (non-credit) must meet the class in the same manner as a student regularly enrolled. Although no credit is awarded, a student who meets the instructor's require-

ments for a successful audit will receive an appropriate entry on his or her official record. The instructor has the right to remove a student from the final grade roster for non-attendance. The credit option (audit to credit or credit to audit) may not be changed after the deadline for adding courses. **The fee for audit is the same as if registered for credit.**

Computation of Grade Point Averages

Grade point averages are based on the number of hours undertaken rather than the number of hours passed in determining whether a student meets minimum standards. The total hours attempted, for suspension purposes, will include credit undertaken at the University and credit transferred; the grade point average will involve only credit for courses attempted at The University of Southern Mississippi.

Courses in which a student receives an **E** will not be counted in the "total hours attempted."

An undergraduate student will be permitted to **repeat courses** a total of two (2) times or a total of six (6) semester hours in order to improve his or her grade-point average. (That is, he or she may repeat one, three-hour course twice; or two, three-hour courses once each.) This policy covers all repeats at all institutions attended. The first two (2) repeats used shall stand. The grade for the second attempt will be used in grade point average calculations. This policy is limited to courses in which a student initially earned a grade of D or F, but does not apply to courses for which a grade was assigned for reasons of academic dishonesty. Courses must be retaken at The University of Southern Mississippi. Students are free to retake additional courses, but all attempts will be included in the calculation of the grade point average. Exceptions to this policy must be approved by the Provost.

Grade Review Policy

The instructor (defined as one who has the responsibility for a class, special problem, or thesis) has the authority in his or her class over all matters affecting the conduct of the class, including the assignment of grades. Student performance should be evaluated according to academic criteria made available to all students within the first two weeks of each semester. Grades should not be determined in an arbitrary or capricious manner.

When a student disagrees with the final grade given by an instructor, fair play requires the opportunity for an orderly appellate procedure. A student must initiate the appeal procedure within 30 school days (excluding Saturday, Sunday, and official student holidays) of the beginning of the semester subsequent to the one in which the grade was awarded, or 120 calendar days after the issuance of spring semester grades, should the student not be enrolled during the summer term. The procedure assures due process for both the instructor and student. For policies and procedures governing grade review, contact the dean of the appropriate college or the Office of the Provost.

Administrative Withdrawal

A university transcript is a legal document that provides a true and accurate account of academic performance. Any alternation of the history of academic performance as reported by a university transcript should be done only if there is an obvious rationale for doing so.

On rare occasions, academic performance is severely affected by some emotional or personal disaster beyond the control of the student. If a timely withdrawal was impossible or overlooked, a procedure known as **administrative withdrawal** may offer a remedy.

A student who wishes to petition for an administrative withdrawal should be aware of the following **criteria** in considering the request.

a. The student's academic record under review indicates a clear and consistent pattern of good academic performance prior to and subsequent to the semester in question
b. The problem encountered by the student is debilitating and beyond his or her control.
c. The student is able to document the nature and extent of the problem

The following **guidelines** pertain to a petition for administrative withdrawal.

a. A petition for administrative withdrawal will be considered only if it is filed prior to graduation.
b. Relief by administrative withdrawal will be limited to one semester.
c. The grade of administrative withdrawal ("AW") will be assigned to all courses taken during the semester in question.

d. Administrative withdrawal must be approved by the dean of the college in which the student is enrolled when he or she initiates the petition. A student may request administrative withdrawal only once during his or her academic career and that request must be limited to one particular semester.

A **petition** for administrative withdrawal must contain the following.

a. A concise but thorough statement of the circumstances responsible for the poor academic performance.

b. Evidence (e.g., a medical diagnosis) supporting claims made in the statement.

c. A complete set of official transcripts exhibiting all college-level course work.

Petitions for administrative withdrawal will be acted on within five working days after receipt by the dean of the college in which the student is currently enrolled.

Dean's List

Students will be placed on the Dean's List if they have earned a grade point average of 3.25 or above on a minimum academic load of twelve (12) semester hours or more during fall or spring, nine (9) or more during summer, provided they have no grade of **D** or below (includes **F** or **I**). Courses taken for pass-fail credit will not be used in computing the minimum academic load.

President's List

Students will be placed on the President's List if they have earned a grade point average of 4.0 (all A's) on a load of twelve (12) semester hours or more during fall or spring, nine (9) or more during summer, provided they have no grade of **I**. Courses taken for pass-fail credit will not be used in computing the minimum academic load.

Academic Standards

An undergraduate student will be allowed to continue in the University as long as the cumulative grade point average (GPA) indicated in the following scale is maintained. A higher minimum allowable GPA is sometimes specified by specific colleges within the University. In such cases, the more stringent requirements supersede those which follow.

Total Hours Attempted (Including transfer credit)	Minimum Cumulative GPA Required (USM work only)
0 - 16	1.50
17 - 32	1.75
33 and above	2.00

Total hours attempted will include credit taken at the University and any credit which might have been transferred. Courses in which a student has received an I, E, or Pass-Fail credit will not be counted in the total hours attempted. The GPA will be computed based only upon credits earned at USM.

Probation

If a student does not attain the minimum cumulative GPA as indicated above, he/she is placed on academic probation at the end of the term. Academic probation will be removed when the student attains the acceptable cumulative GPA as shown above. Otherwise, he/she will be placed on academic probation continued for as long as he/she earns at least a 2.00 average per term. Students placed on academic probation continued may not enroll for the next semester without the prior written approval of the dean of his/her college. Attaining the minimum cumulative required GPA will clear all suspension categories. The first term a student does not earn at least a 2.00 average while on academic probation continued, he/she will be suspended by the University.

Suspension

A student placed on academic suspension may not enroll in The University of Southern Mississippi until after the next regular semester (fall or spring). Students may not enroll in any other college or university without prior written approval of the dean of his/her college. Any credits earned contrary to this policy will not count toward graduation requirements. After one semester a student may be readmitted with prior written approval of the dean of his/her college. A student readmitted following academic suspension must earn a GPA of at least 2.25 each semester or attain the required cumulative GPA. A student readmitted after academic suspension who fails to attain the required GPA will be suspended for two regular semesters.

Readmission after the required suspension period requires reinstatement through an appeal process established by the dean of the college in which the student was enrolled as a major. Probationary status does not require an appeal for reinstatement. Notice of academic probation, academic probation continued, or suspension will be shown on the end-of-term grade report. Any exceptions to the suspension policy must be approved by the Office of the Provost.

Academic Honesty

When cheating is discovered, the faculty member may give the student an F on the work involved or in the course. If further disciplinary action is deemed appropriate, the student should be reported to the Dean of Students.

In addition to being a violation of academic honesty, cheating violates the Code of Student Conduct and may be grounds for probation, suspension, and/or expulsion.

Students on disciplinary suspension may not enroll in any courses offered by The University of Southern Mississippi.

Transcripts

An official transcript is the reproduction of a complete, unabridged permanent academic record validated with the University seal, facsimile signature of the Registrar, and date of issue. A Key to Transcript is included which contains a full statement of pertinent definitions. Currently enrolled as well as former undergraduate and graduate students may obtain an official transcript by writing the Office of the University Registrar, Box 5006, Hattiesburg, Mississippi 39406-5006. Transcripts are not released when there is an indebtedness to the University.

Change of Major

Any student wishing to change his or her major within a college must secure the approval of the dean. A student wishing to transfer from one college of the University to another must make application to and be approved by the dean of the college he or she wishes to enter.

Credit by Examination

The University of Southern Mississippi will allow students to earn credit by examination under one or more of the following programs up to a total of thirty (30) semester hours.

Credit earned through the use of the examination will be included in the sixty-four (64) hours "Limitation of Transfer Credits" rule and may not be used to meet the thirty-two (32) hours on-campus requirement.

College Level Examination Program: General Examination. The University of Southern Mississippi will allow credit by examination to those students who have participated in the College Level Examination Program and who have achieved a scaled score of 500 or above (610 in English through April, 1986). Credit will be restricted to students who have been out of high school for at least three (3) years. It will be the responsibility of the Office of Admissions to determine a person's eligibility to receive credit. A student who has earned over thirty (30) semester hours of college credit may not earn additional credit through the use of this examination. Credit appearing on another institution's transcript will be accepted for credit only if it meets the same guidelines as those required for USM students. Credit will be granted for successful completion of the examination in the following manner.

CLEP General Examination	Course Equivalent	Semester Hours
English Composition	ENG 101, 102	6
Social Science	History	3
	Social Sci. Elective	3
Humanities	AA 100	3
	Literature	3
Mathematics	MAT 101	3
	Mathematics Elective	3
TOTAL		24

Credit will be awarded for each area in which the student receives a scaled score of 500 or above.

College Level Examination Program: Subject Area Examination. A student of any age who has not earned college-level credit in the subject area in which he or she seeks credit can take a CLEP subject-area examination for advanced placement and college credit. However, in the case of foreign languages, students may earn college credit by taking the CLEP examination at the elementary or intermediate levels of Spanish, French, or German, regardless of whether the student has earned previous college level credit in that language by course work. For more details concerning foreign language CLEP credit, see Department of Foreign Languages and Literatures section of this bulletin. Credit will be awarded for a scaled score of 50 or above (a range score of 40-80 is allowed for all foreign language tests). The optional essay is required for all English examinations. The appropriate department at USM will have final determination in the amount of credit to be awarded based on the optional essay. Under this program, students are restricted to a maximum of thirty (30) semester hours, with not more than eight (8) hours or two (2) courses in one subject-matter area, except in the case of foreign languages where students may earn up to twelve (12) hours of credit or four (4) courses in a single language. (It is understood that the thirty (30) hour total includes all credit earned by examination.) The adoption of the CLEP standardized examination will preclude the use of departmental examinations except in those areas where CLEP examinations are not available. The Office of Admissions will be charged with responsibility for determining student's eligibility to earn credit through these examinations. Credit appearing on another institution's transcript will be accepted for credit only if it meets the same guidelines as those required for USM students.

Additional information, applications, and CLEP Bulletins may be secured from the Office of Admissions, Room 212, Kennard-Washington Hall, or by writing Box 5166, Hattiesburg, MS 39406-5166.

Advanced Placement Program: Students from cooperating high schools can earn up to twenty (20) hours with no more than eight (8) hours or two (2) courses in one subject-matter area through the College Board's Advanced Placement Testing Program. Through the 1986 AP Testing year, a score of 3 or 4 will yield three (3) hours credit; a grade of 5 will yield six (6) hours credit. Beginning with the 1987 AP Tests, a score of 2 or 3 will yield three (3) hours credit, and a score of 4 or 5 will yield six (6) hours credit. Departments may require higher scores. (For the AP Biology test only, a score of 3 or below will receive no credit; a score of 4 or above will receive eight (8) hours of credit). The awarding of credit will be administered by the Office of Admissions.

Challenge Examination: Under the following policy, and with the approval of the Office of the Provost, departments may grant credit by examination in lieu of class enrollment for courses where no CLEP subject area examination is offered.

i. The student must be currently enrolled or must be a former student of the University.

ii. The examination must be given by the department through which the course is offered.

iii. The student must make application to the chair of the department who should be assured that the student has had some formal or informal learning experience which has prepared the student for the examination.

iv. If approval is granted, the department chair sends a memorandum by the student to the Office of the University Registrar giving the student permission to register for the course(s) on an arranged basis. The memorandum should include the student's name and Social Security Number, the course number(s), semester and year, semester hours of credit, and the name of the instructor.

v. The student should complete registration procedures and present the registration invoice to the department chair. (NOTE: The $10.00 per semester hour fee is assessed above and beyond any additional course-related fees paid for the term.)

vi. The instructor of record will receive a regular grade roster at the end of the term for recording the final grade.

Validation of Previously Earned Credit (Nursing)

Under the following policy, and with approval of the Office of the Provost, certain academic departments may allow a student to re-validate credit acquired through previous study in order to apply the credit to a current degree program.

a. The student must be currently enrolled or must be a former student of the University.

b. NCLEX RN Licensure Exam will be used to validate previously earned nursing credit.

c. On the successful completion of NSG 403, the student will register for the courses on an arranged basis.

Summary of Types and Limitations of Credit Usage

The following is a summary of the limitations placed on credit usage:

a. Sixty-four (64) semester hours through a combination of credit by examination, independent study, and Armed Forces experiences.

b. Thirty-two (32) semester hours by independent study (including USAFI); nine (9) semester hours in any one field.

c. Thirty (30) semester hours credit by examination (including CLEP and AP).

d. Eighteen (18) semester hours of pass-fail credit.

e. Twelve (12) semester hours in the same department through a combination of independent study and pass-fail.

f. Sixty-four (64) semester hours in a senior college are required for a baccalaureate degree. Of this total forty-five (45) must be in course numbers 300-level or above and thirty-two (32) must be earned at The University of Southern Mississippi.

g. The types of credit considered as senior college work are: (1) USM, Hattiesburg; (2) USM, Gulf Park; (3) USM, Jackson County; (4) USM, Jackson; (5) Independent Study; (6) USAFI*; (7) Armed Forces experiences.*

h. Types of credit not considered senior college work: (1) Junior college transfer work; (2) CLEP; (3) USAFI**; (4) Armed Forces experience.**

*If course number evaluations are 300-level or above

**If course number evaluations are below 300-level

General Degree Requirements

Choice of Catalog

Graduation requirements must be met under a catalog which is not more than six years old at the time of the student's graduation (exclude the current year's catalog in counting the six) and which carries announcements for a year during which the student earned some credit at The University of Southern Mississippi or another accredited institution of higher learning, including community/junior colleges.

Hour Requirements

An applicant for a degree must complete a minimum of 128 semester hours, including core requirements and major and minor requirements. Not more than nine (9) semester hours in physical education activity courses, and not more than four (4) semester hours credit in any one varsity sport may be used in meeting total hour requirements for a degree. Courses in dance are excluded from this limitation. Of the total of 128 semester hours, sixty-four (64) must be earned in a senior college, and forty-five (45) of the sixty-four (64) must be in courses numbered 300 or above.

Grade Point Requirement

A student must earn a grade point average of at least 2.0 (an average grade of C) based on all courses taken at The University of Southern Mississippi. A passing grade in a pass-fail course is recorded as P and carries credit toward graduation. However, a grade of P does not carry any quality points and is not used in computing grade point average. A failing grade in a pass-fail course is recorded as F and is computed in the grade point average in the same manner as other failing grades.

Residence Hour Requirements

To become eligible for a bachelor's degree at The University of Southern Mississippi, a student must:

a. earn his or her last thirty-two (32) semester hours at The University of Southern Mississippi, of which twelve (12) semester hours must be in upper-division courses in his or her major. This policy applies to all students, including transfer students from other colleges and universities and those students at USM, Gulf Park. The transfer student must meet the quality point requirements for work undertaken on the Hattiesburg Campus that apply to all the regular students;

b. earn at least twelve (12) semester hours of the bachelor's program on the campus from which the degree will be awarded; ***(Special Note**: The College of Business Administration requires 50% of all business courses required for the B.S.B.A. to be completed at USM.)*

c. earn at least twelve (12) semester hours of resident credit in the major field of study at one of the campuses of the University;

d. recognize the limitation on Independent Study Courses: A long-standing regulation provides that students will not be permitted to do independent study while in residence. Students not attending the University during the summer session are not considered to be in residence and may enroll in independent study courses without prior approval; however, they should consult with their faculty adviser for assistance in course selections. Exceptions to this regulation can only be made with the approval of the appropriate dean and the Vice President for Academic Affairs. If a student takes an independent study course during the last semester of attendance, he or she may not register for an independent study course after leaving the campus with the expectation of completing requirements for his or her degree.

Hour and Quality Point Requirements for Pre-Professional Degrees

University of Southern Mississippi students may be allowed to complete degree requirements for the Bachelor of Science or the Bachelor of Arts degree in professional, accredited schools of medicine, medical technology, dentistry, or law on the following conditions:

a. that (90) hours of credit and 180 quality points shall have been completed, with a minimum of two semesters and thirty (30) semester hours of residence at the University of Southern Mississippi;

b. that all core requirements for the degree shall have been completed;

c. that credit and quality points shall be transferred back to the University of Southern Mississippi from the accredited school of medicine, dentistry, medical technology, or law to complete requirements for the degree. A minimum of one year's work must be transferred. In any case, a minimum of 128 semester hours must be completed before the degree can be awarded.

d. that the program leading to the degree shall be completed within two calendar years of the termination of the last semester of residence at the University of Southern Mississippi.

General Education Curriculum

The purpose of the General Education Curriculum is two-fold: to give all University students a common cultural experience and to extend this shared experience over a wide enough range of skills and major disciplines so that the individual student may gain a better perspective of his or her own special abilities and interests.

It is the purpose of the degree programs in the upper-level colleges to build upon the common core experience in guiding students toward majors and minors which will reflect their individual capacities and life aims.

The General Education Curriculum, common to all degree programs, is itemized below.

In 1983 the Academic Council of the University embarked on a major revision of the basic curriculum required of all undergraduate students. The result of these deliberations was the General Education Curriculum (Core), as adopted in March, 1985, and effective in the Fall Semester, 1985-86. The Curriculum is subject to annual review by the Academic Council.

Each of the schools and colleges within the University has modified the General Education Curriculum in a manner befitting its own discipline. The full range of courses listed here is not applicable to all majors. Accordingly, students should consult the appropriate sections of the **Bulletin** detailing the individual college curricula.

The baccalaureate degree programs of The University of Southern Mississippi have two major curricular components: the General Education requirement and the more specialized major requirement. For the major field requirement, see no. 9 below. The underlying purpose of the General Education requirement is to provide intellectual breadth in the student's undergraduate education through an informed acquaintance with the fundamental branches of learning outside the student's field of specialization. The focus of general education is on the acquisition and integration of relevant knowledge; the development of intellectual skills of learning; and the enlargement and refinement of ideas, values, and aesthetic appreciations. A concomitant purpose is thereby served for many students by enabling them to refine and clarify their notions of which major might best suit their interests and talents.

General education serves as a necessary complement to specialized study by providing balance and allowing specialization to occur within a broader intellectual context. Together with program electives and study in depth in a major field, the General Education Curriculum provides a solid and shared base of general, liberal, and humanistic education for all students.

The General Education Curriculum comprises forty-six (46) credit hours divided among five categories. In addition students should complete at least three (3) hours of electives from Categories I, II and/or III. These hours may come from one category or from any combination of two or more categories, but no more than three (3) hours of electives may be from any one discipline.

The objectives of each of the five categories are as follows:

I. **Reasoning and Communications Skills:** To develop the skills necessary to locate, examine, and process information critically; to read with understanding; to listen with attention and memory; to express ideas cogently and fluently in oral and written forms; to understand the ways in which written and spoken messages influence the attitudes and behavior of others; to think critically and to reason mathematically and logically; and to handle analytic and quantitative ideas in both abstract and specific contexts.

II. **Humanities and Fine Arts:** To understand and appreciate how man gives artistic and literary expression to his version of and experience with the world; to know the seminal ideas and events that have shaped the course of western and non-western civilizations; to recognize and treat with sympathetic historical understanding the major concerns of the contemporary world; and to develop the capacity to make discriminating moral and ethical judgments.

III. **Social and Behavioral Sciences:** To acquire some understanding of the perspectives, concepts, and analytical techniques of modern social societies and cultures; to examine the social institutions in contemporary society—how they work and how they affect human behavior; to appreciate the physical, intellectual, emotional, social, and moral development of mankind; to analyze interpersonal relationships and group processes; and to understand the methods by which we gain and apply knowledge of society to ourselves.

IV. **Natural and Applied Sciences:** To acquire knowledge and understanding of basic concepts, principles, theories, and interrelationships of the natural sciences; to understand mathematical and experimental methods of sciences as a way of thinking, inquiring, and acting; to appreciate the complex interrelationship between science and its applications and human affairs; to recognize other forms of life with which we share the planet earth; and to acknowledge the fundamentally limited resources which the earth offers, both of materials for use and of receptacles for waste.

V. **Human Wellness:** To understand and apply conceptual knowledge of nutrition, health, and fitness in the development and maintenance of human wellness; and to understand the value of reducing the risk of physical and psychological disorders.

Honors courses may be substituted for University Core courses at the discretion of the academic dean of the student's program and the dean of the Honors College for those students who qualify to enroll in such courses.

Requests for exemptions and substitutions for the requirements of the General Education Curriculum should be addressed to the Provost through the department chair and college dean.

Summary of the General Education Curriculum

Category	I: **Reasoning and Communications Skills**	12-15 hrs.
	English Composition	6 hrs.
	College Algebra (or higher level mathematics course)	3 hrs.
	Communications	3 hrs.
	*Electives	0-3 hrs.
Category	II: **Humanities and Fine Arts**	12-15 hrs.
	Fine Arts	3 hrs.
	World Literature	3 hrs.
	World Civilization	6 hrs.
	*Electives	0-3 hrs.
Category	III: **Social and Behavioral Sciences**	6-12 hrs.
	Social and Behavioral Sciences	6 hrs.
	*Electives	0-3 hrs.
Category	IV: **Natural and Applied Sciences**	11 hrs.
	Laboratory Sciences	8 hrs.
	Electives	3 hrs.
Category	V: **Human Wellness**	2 hrs.
	Food and Nutrition	1 hr.
	Health and Physical Fitness	1 hr.
	TOTAL:	46 hrs.

*At least three (3) hours of electives should be chosen from Categories I, II, and/or III.

Courses Applicable to the General Education Curriculum

Category I (12-15 hrs.)

English Composition (6 hrs.)

ENG	101	Composition One
ENG	102	Composition Two

College Algebra (or higher level mathematics courses) (3 hrs.)

MAT	101	College Algebra (or any higher numbered mathematics course except MAT 210, 310, 370, and 410)

Communication (3 hrs.)

SCM	111	Oral Communication
SCM	305	Interpersonal Communication
SCM	320	Business and Professional Speaking
SCM	330	Small Group Communication

Category I Electives (0-3 hrs.)

Computer Science

CSC	100	Introduction to Computing
CSS	240	Fortran Programming
CSS	330	Introduction to Programming
CSS	333	Problem Solving Using C, I

Foreign Language

FRE	101	Beginning French I
FRE	102	Beginning French II
GER	101	Beginning German I
GER	102	Beginning German II
GRK	101	Beginning Greek I
GRK	102	Beginning Greek II
ITA	101	Beginning Italian I
ITA	102	Beginning Italian II
JPN	101	Beginning Japanese I
JPN	102	Beginning Japanese II
LAT	101	Beginning Latin I
LAT	102	Beginning Latin II
RUS	101	Beginning Russian I
RUS	102	Beginning Russian II
SPA	101	Beginning Spanish I
SPA	102	Beginning Spanish II

Logic

PHI	253	Logic
PHI	458	Symbolic Logic

Mathematics

MAT	101	College Algebra (or any higher numbered mathematics course except MAT 210, 310, 370, and 410)

Speech Communication

SCM	111	Oral Communication
SCM	305	Interpersonal Communication
SCM	320	Business and Professional Speaking
SCM	330	Small Group Communication

Category II (12-15 hrs.)

Fine Arts (3 hrs.)

Allied Arts		
AA	100	Introduction to the Arts
Art		
ART	130	Art Appreciation
Dance		
DAN	107	Dance Appreciation
Music		
MUS	365	Enjoyment of Music
Theatre		
THE	100	Theatre Appreciation

World Literature (3 hrs.)

ENG	203	World Literature

World Civilization (6 hrs.)

HIS	101	World Civilization to 1648 AD
HIS	102	World Civilization Since 1648 AD

Category II Electives (0-3 hrs.)

American Studies

AMS	304	Issues in America
AMS	404	Issues in America

Comparative Religion

REL	131	Comparative Religion

Foreign Language

FRE	101	Beginning French I	JPN	101	Beginning Japanese I
FRE	102	Beginning French II	JPN	102	Beginning Japanese II
GER	101	Beginning German I	LAT	101	Beginning Latin I
GER	102	Beginning German II	LAT	102	Beginning Latin II
GRK	101	Beginning Greek I	RUS	101	Beginning Russian I
GRK	102	Beginning Greek II	RUS	102	Beginning Russian II
ITA	101	Beginning Italian I	SPA	101	Beginning Spanish I
ITA	102	Beginning Italian II	SPA	102	Beginning Spanish II

History

HIS	201	United States to 1877
HIS	202	United States since 1877

Literature

ENG	200	Introduction to Drama	ENG	351	Survey British Literature II
ENG	201	Introduction to Fiction	ENG	370	Survey American Literature I
ENG	202	Introduction to Poetry	ENG	371	Survey American Literature II
ENG	350	Survey British Literature I			

Music

MUS	332	American Music

Philosophy

PHI	151	Introduction to Philosophy

Category III (6-12 hrs.)

Social and Behavioral Sciences (6 hrs.)

Anthropology

ANT	101	Introduction to Anthropology
ANT	221	Cultural Anthropology

Economics

ECO	201	Principles of Economics I
ECO	202	Principles of Economics II

Geography

GHY	101	World Geography
GHY	102	Introduction to Geography
GHY	331	Cultural Systems in the Environment
GHY	341	Geography and World Political Affairs

Political Science

PS	101	American Government
PS	201	Great Issues of Politics
PS	321	American Political Theory
PS	331	World Politics

Psychology

PSY	110	General Psychology
PSY	375	Developmental Psychology

Sociology

SOC	101	Introduction to Sociology
SOC	240	Social Problems
SOC	314	The Family

Category III Electives (0-6 hrs., with no more than three hours from any one discipline)

Anthropology

ANT	101	Introduction to Anthropology
ANT	221	Cultural Anthropology

Business Administration

BA	100	Introduction to Business

Community Health Sciences

CHS	101	Personal Wellness
CHS	430	Human Sexuality

Human Performance and Recreation

HPR	200	Leisure and Recreation in Society

Political Science

PS	101	American Government
PS	201	Great Issues of Politics
PS	321	American Political Theory
PS	331	World Politics

Economics

ECO	201	Principles of Economics I
ECO	202	Principles of Economics II

Family Studies

FAM	151	Personal Development and Interpersonal Relations

Geography

GHY	101	World Geography
GHY	102	Introduction to Geography
GHY	331	Cultural Systems in the Environment
GHY	341	Geography and World Political Affairs

Psychology

PSY	110	General Psychology
PSY	375	Developmental Psychology

Sociology

SOC	101	Introduction to Sociology
SOC	240	Social Problems
SOC	314	The Family

Social Work

SWK	315	Human Diversity in a Changing World

Category IV (11 hrs.)

Laboratory Science (8 hrs.)

AST	111/111L	General Astronomy	CHE	107/107L	General Chemistry II
AST	112/112L	General Astronomy	CHE	251/251L	Elementary Organic Chemistry
*BSC	103/103L	Biological Science	GLY	101/101L	Physical Geology
BSC	107/107L	Human Biology	GLY	103/103L	Historical Geology
*BSC	110/110L	Principles of Biological Science I	GLY	151/151L	Introduction to Ocean Science
BSC	111/111L	Principles of Biological Science II	MAR	151/151L	Introduction to Ocean Science
BSC	250/250L	Human Anatomy and Physiology I	PHY	103/103L	Introductory Physics
BSC	251/251L	Human Anatomy and Physiology II	PHY	111/111L	General Physics
BSC	281/281L	Microorganisms in Food	PHY	112/112L	General Physics
*CHE	104/104L	Chemistry, Principles and Applications	PHY	201/201L	General Physics with Calculus
*CHE	106/106L	General Chemistry I	PHY	202/202L	General Physics with Calculus

(Category IV: Elementary Education and Special Education Majors Only)

FS	131/131L	General Physical Science I
FS	133/133L	General Biological Science I
FS	135/135L	Earth and Environmental Science

Category IV Electives (3 hrs.)

Natural Science

ANT	241	Introduction to Physical Anthropology	CHE	107/107L	General Chemistry II
AST	111/111L	General Astronomy	CHE	251/251L	Elementary Organic Chemistry
AST	112/112L	General Astronomy	GLY	101/101L	Physical Geology
*BSC	103/103L	Biological Science	GLY	103/103L	Historical Geology
*BSC	110/110L	Principles of Biological Science I	GLY	151/151L	Introduction to Ocean Science
BSC	111/111L	Principles of Biological Science II	MAR	151/151L	Introduction to Ocean Science
BSC	250/250L	Human Anatomy and Physiology I	PHY	103/103L	Introductory Physics
BSC	251/251L	Human Anatomy and Physiology II	PHY	111/111L	General Physics
BSC	281/281L	Microorganisms in Foods	PHY	112/112L	General Physics
*CHE	104/104L	Chemistry, Principles and Applications	PHY	201/201L	General Physics with Calculus
*CHE	106/106L	General Chemistry I	PHY	202/202L	General Physics with Calculus

Applied Science or Technology

EET	110/110L	Introduction to Electric Circuits	NFS	362	Nutrition
ENT	330	Applied Thermal Science I	GHY	325	Physical Geography of the Environment
ENT	430/430L	Solar Heating and Cooling	PSC	191	Introduction to Polymers
ESC	301	Living in the Environment	PSC	291	Physical Aspects of Polymers

Mathematics

MAT	102	Finite Mathematics and Introduction to Calculus
MAT	103	Plane Trigonometry
MAT	136	Applied Calculus for Engineering Technology I
MAT	137	Applied Calculus for Engineering Technology II
MAT	167	Calculus I with Analytic Geometry
MAT	168	Calculus II with Analytic Geometry
MAT	169	Calculus III with Analytic Geometry
MAT	178	Differential and Integral Calculus with Analytic Geometry I
MAT	179	Differential and Integral Calculus with Analytic Geometry II
MAT	312	Applied Calculus for Business and Social Sciences
MAT	314	Calculus for the Arts and Sciences

*Science requirements and electives must not overlap in course content. For example, a student cannot take both BSC 103/103L and BSC 110/110L, or both CHE 106/106L and CHE 104/104L.

Category V (2 hrs.)

Food and Nutrition (1 hr.)

NFS	167	Nutrition for Living

Physical Fitness (1 hr.)

HPR	105	Concepts in Physical Fitness

Exemption from a General Core Course Requirement

A student may be granted a personal exemption from a University core course if he or she is able to demonstrate mastery of the course material. The latter can be achieved for any core course in one of the following three ways. The student may have taken an equivalent course through the College Entrance Examinations Board's Advanced Placement Testing Program before entering USM or may pass an appropriate CLEP examination or a departmental challenge examination on the relevant course material. The detailed procedures and regulations regarding these three methods of obtaining up to thirty hours credit toward a degree at USM are described in the General Academic Information section of this Bulletin.

Requests for exemptions and substitutions for the requirements of the General Education Curriculum should be addressed to the Provost.

Major Field Requirements

All graduates of USM are required to complete specialized study in a single discipline, which the student elects as his or her "major." The major serves two main purposes: it provides intellectual depth in the student's undergraduate education through concentrated study in his or her chosen field; and it gives the student the fundamental knowledge necessary to practice professionally and/or pursue advanced study in that field. Because of the varying demands of the many disciplines, specific requirements for each major are determined by the faculty of the appropriate discipline. Generally, the student must complete a set number of hours in the discipline, usually one-quarter to one-half of the total hours required for a degree, and must maintain the minimum University G.P.A. for these major courses. Other requirements may include: the completion of specified courses, course sequences, and/or course distributions; the completion of a concentration or emphasis (further specified coursework, producing greater specialization) within the major; the completion of a minor in another discipline; the maintenance of a higher discipline-designated G.P.A. for all or part of the major courses; juried or public performances; field work, teaching practice, and other training programs; and any other course, standard, or training which, in the opinion of the discipline's faculty, is necessary to achieve the purposes of the major field requirement. The student should consult the appropriate description and PACE Degree Plan in this Bulletin for information on each discipline's requirements for a major.

Minor Field Requirements

In addition to the major, the student may (or, if required by his or her major program, must) also choose a minor field of specialization. The minimum hours required for a minor are eighteen semester hours, in which the student must maintain the minimum University G.P.A. for

minor courses. The specific requirements for each discipline's minor are indicated in the appropriate description in this Bulletin. Since advisement for the minor is conducted by the minor discipline, the student should consult with the faculty of the minor discipline.

Grade Point Requirement for the Major and Minor

A student must have a grade point average of at least 2.0 (C) in the major field and in the minor field on courses taken at The University of Southern Mississippi.

A transfer student's work done in the major and minor fields in another institution must average at least 2.0 to be applicable toward the major and minor requirements at The University of Southern Mississippi. If the transferred work does not average at least a **C**, the student must remove any deficiencies in that part of the major and minor credit being transferred. Transferred deficiencies may be removed by: (a) repeating at The University of Southern Mississippi a sufficient number of courses on which grades of **D** were transferred and, thereby, raising the grades in those courses to the level required for a **C** average or (b) striking from the transferred transcript courses in the major or minor field with grades of **D** and taking additional courses in the major or minor at the upper division level to meet the University's degree requirements.

Application for Degree

A student is expected to file an application for a degree one (1) semester before degree requirements are completed, and an application will be accepted no later than the published deadline (see Calendar). This application filed with the Office of the University Registrar will show the work completed by the student and the courses planned for the ensuing semester. Filing in advance of the proposed graduation date will allow time for checking the application and also allow the student time for making up deficiencies found in the degree program. Each student has final responsibility to ascertain that he or she has complied with all applicable catalogue requirements for graduation. Faculty advisers assist students in developing their programs, but these advisers cannot, of their own accord, waive or vary degree requirements as they appear in the University Bulletin. After the application has been approved by the academic department, it becomes the student's official degree program. Students graduating in the Honors College must submit the Honors College Attachment to the Application for Degree. Application forms may be obtained in the college office of the dean.

Programmed Academic Curriculum Evaluation (PACE)

From the point of advisement in the academic department through the filing of the application for a degree, the University utilizes PACE, a Programmed Academic Curriculum Evaluation system. Each semester the student's record (transcript) is evaluated by the computer to verify progress toward completion of the degree in his or her declared major. PACE Degree Plans are discussed in the narrative for each department within this Bulletin.

Degrees with Honors

Students with exceptional academic records may be awarded degrees with honors or highest honors. A degree with honors will be granted to a student who maintains a grade point average of 3.5 or more. A degree with highest honors will be granted to a student who maintains a grade point average of 3.8 or more. Graduation with Latin designations will be granted to students who complete the requirements for Senior Honors in the Honors College. As an alternative to Senior Honors, graduation **cum laude** will be granted to students who meet the following stipulations: (a) the satisfactory completion of a comprehensive examination in the major field, such examination to be designed and administered by the department involved; (b) the satisfactory completion of a senior project resulting in a written report on that project meeting guidelines based on those presently in effect for Senior Honors projects; (c) notice of intent to meet these requirements must be filed with the department chair/school director at least one calendar year prior to graduation; and (d) an overall grade point average of 3.25 to 3.49. Graduation **magna cum laude** will be granted to students who meet the following stipulations: (a), (b), and (c) above, and (d) an overall grade point average of 3.50-3.79. Graduation **summa cum laude** requires (a), (b), (c), and (d) an overall grade point average of 3.80 or above.

Second Baccalaureate Degree

Students who have earned a baccalaureate degree may be granted by The University of Southern Mississippi a second baccalaureate degree based upon requirements of an applicable catalog, provided the program for the second degree includes at least thirty-two (32) semester hours in residence with at least sixty-four (64) quality points (equivalent to a 2.0 average on a 4.0 scale). The actual number of hours to be taken which may exceed thirty-two (32) as well as the specific degree requirements will be established by the academic department responsible for the area of study in which the second baccalaureate is sought. In all cases, a 2.0 grade point average is required. The thirty-two (32) semester hours must be related to a specific major separate from the first major, and the thirty-two (32) semester hours must be completed after the first degree has been conferred.

Academic Organization

Organization For Instruction

For purposes of undergraduate instruction, The University of Southern Mississippi is organized into the College of The Arts, the College of Business Administration, the College of Education and Psychology, the College of Health and Human Sciences, the College of International and Continuing Education, the College of Liberal Arts, the College of Science and Technology, the Institute of Marine Sciences, the Honors College, and USM Gulf Coast.

Due to current program reviews, changes may occur in individual major requirements. Please check with the department chair for current degree requirements.

The University of Southern Mississippi offers baccalaureate degrees in the following areas for the school year of 2000-2001.

2000-2001

College	School/Department	Majors	Degree*
College of The Arts			
	Art		
		Art	BA,BFA
		Museum Studies	BA
	Music		
		Music	BM, BA
		Music Education	BME
	Theatre and Dance		
		Dance	BFA
		Theatre	BA,BFA
College of Business Administration			
	Accountancy and Information Systems		
		Accounting	BSBA
		Management Information Systems	BSBA
	Economics, Finance, and International Business		
		Economics	BSBA
		Finance	BSBA
		International Business	BSBA
	Management and Marketing		
		Business Administration	BSBA
		Management	BSBA
		Marketing	BSBA
College of Education and Psychology			
	Curriculum and Instruction		
		Elementary Education	BS
	Psychology		
		Psychology	BA, BS
		Social and Rehabilitation Services	BS
	Special Education		
		Special Education	BS
	Technology Education		
		Business Technology Education	BS
		Office Administration	BS
		Technical and Occupational Education	BS

College	School/Department	Majors	Degree*
College of Health and Human Sciences			
	Community Health		
		Community Health Sciences	BS
	Family and Consumer Sciences		
		Child and Family Studies	BS
		Fashion Merchandising and Apparel Studies	BS
		Family and Consumer Sciences Education	BS
		Interior Design	BS
		Nutrition and Dietetics	BS
	Hospitality Management		
		Hospitality Management	BS
	Human Performance and Recreation		
		Coaching and Sports Administration	BS
		Human Performance	BS
		Recreation	BS
	Social Work		
		Social Work	BSW
College of International and Continuing Education			
	Geography and Planning		
		Community Planning and Development****	BA, BS
		Geography	BA, BS
College of Liberal Arts			
	Advertising (P)***		
		Advertising	BA
	American Studies (P)***		
		American Studies	BA
	Anthropology and Sociology		
		Anthropology	BA
		Sociology	BA
	Communication (P)***		
		Communication	BA
	Criminal Justice		
		Criminal Justice	BA
	Economics (P)***		
		Economics	BA
	English		
		English	BA
	Foreign Languages and Literatures		
		Foreign Languages	BA
	History		
		History	BA
	International Studies (P)***		
		International Studies	BA
	Journalism		
		Journalism	BA
	Library and Information Science		
		Library and Information Science	BA
	Paralegal Studies (P)***		
		Paralegal Studies	BA

College	School/Department	Majors	Degree*
	Philosophy and Religion		
		Philosophy	BA
	Political Science		
		Political Science (Pre-Law)**	BA
	Radio, Television, and Film		
		Radio, Television, and Film	BA
	Speech and Hearing Sciences		
		Education of the Deaf	BA
		Speech-Language Pathology and Audiology	BA
		Communication	
	Speech Communication		
		Speech Communication	BA
College of Nursing			
		Nursing	BSN
College of Science and Technology			
	Biological Sciences		
		Biological Sciences	BS
		Marine Biology	BS
	Chemistry and Biochemistry		
		Chemistry	BS
	Computer Science and Statistics		
		Computer Science	BS
	Engineering Technology		
		Architectural Engineering Technology	BS
		Computer Engineering Technology	BS
		Construction Engineering Technology	BS
		Electronics Engineering Technology	BS
		Industrial Engineering Technology	BS
		Workforce Training and Development	BS
		Mechanical Engineering Technology	BS
		Software Engineering Technology	BS
		(Pre-Architecture)**	
		(Pre-Engineering)**	
	Geology		
		Geology	BS
	Mathematics		
		Mathematics	BS
	Medical Technology		
		Medical Technology	BS
	Physics and Astronomy		
		Physics	BS
	Polymers and High Performance Materials		
		Polymer Science	BS

College	School/Department	Majors	Degree*
	Premedical and Health Professions Office	(Pre-Cytotechnology)**	
		(Pre-Dental)**	
		(Pre-Dental Hygiene)**	
		(Pre-Health Information Management)**	
		(Pre-Medical)**	
		(Pre-Occupational Therapy)**	
		(Pre-Optometry)**	
		(Pre-Pharmacy)**	
		(Pre-Physical Therapy)**	
		(Pre-Veterinary Medicine)**	

*Degree Abbreviations: (BA) Bachelor of Arts, (BFA) Bachelor of Fine Arts, (BM) Bachelor of Music, (BME) Bachelor of Music Education, (BS) Bachelor of Science, (BSBA) Bachelor of Science in Business Administration, (BSN) Bachelor of Science in Nursing, (BSW) Bachelor of Social Work.
**This program does not lead to a degree. Students completing pre-professional programs will select an academic major with a minor in the appropriate pre-professional area.
***(P) Programs. The BA programs in American Studies, Communication, and International Studies are interdisciplinary. The Paralegal Studies program is administered by the Department of Political Science. The BA program in Economics is offered in conjunction with the College of Business Administration, which offers the BSBA in Economics.
****Certificate programs available.

Obviously, many of these majors involve the closest cooperation among the University's academic departments. A detailed analysis of majors, emphasis areas, and minors is found under the section of this **Bulletin** devoted to each specific college. Requirements for an academic minor may be waived for students completing either the Army or Air Force ROTC programs.

College of The Arts

Academic Offerings

2000-2001

School/Department	Major/Emphasis	Degree**
SCHOOL OF MUSIC		
	MUSIC*	BM, BA
	Church Music Emphasis	
	Composition Emphasis	
	History and Literature Emphasis	
	Jazz Studies Emphasis	
	Music Industry Emphasis	
	Performance Emphasis (Organ, Percussion, Piano, Guitar, Strings, Voice, Wind Instruments)	
	MUSIC EDUCATION	BME
	Choral Emphasis (Guitar, Keyboard, Vocal)	
	Instrumental Emphasis (Guitar, Keyboard, Strings, Wind Instruments, Percussion)	
ART		
	ART*	BA, BFA
	Art Education Emphasis	
	Drawing and Painting Emphasis	
	Graphic Communication Emphasis	
	Three Dimensional Design Emphasis	
	MUSEUM STUDIES	BA
THEATRE AND DANCE		
	DANCE*	BFA
	Performance and Choreography Emphasis	
	Dance Education Emphasis	
	THEATRE*	BA,BFA
	Acting Emphasis	BFA
	Design and Technical Emphasis	BFA
	Theatre	BA

*Minor Available

**Degree Abbreviations: (BA) Bachelor of Arts, (BFA) Bachelor of Fine Arts, (BM) Bachelor of Music, (BME) Bachelor of Music Education

College of The Arts

Peter Alexander, Dean
Hattiesburg, MS 39406-5031
(601) 266-4984

The primary purpose of the College of The Arts is to provide its students with a well-rounded preparation for professional and teaching careers in one of the many branches of art, music, dance, or theatre. In addition, it seeks to provide opportunities for students in all departments of the University to participate in artistic activities and develop an awareness of cultural values.To achieve its purposes, the College of The Arts offers courses of study centered around a core of theoretical, historical, and other academic subjects, as well as performance activities that are designed to develop artistic ability and general cultural awareness.

Organization

The College of The Arts is organized into the School of Music, the Department of Art, and the Department of Theatre and Dance. Baccalaureate majors are available in Art, Art Education, Music, Music Education, Dance, and Theatre. Undergraduate minors are available in Art, Dance, Music, and Theatre. An Allied Arts course, which is designed to introduce the arts in an integrated manner, is taught by teams of instructors drawn from each department of the College. This course is one of several which fulfill the University's core requirements for fine arts.

Since curricular requirements vary for each major, students desiring degrees from the College of The Arts should follow the courses outlined under each department.

Students majoring in elementary education who wish to emphasize areas in fine arts, please see "Areas of Concentration for Elementary Certification."

School of Music

Charles A. Elliott, Director
Hattiesburg, MS 39406-5081
(601) 266-5363

Alexander, Behm, Bivins, Brumbeloe, Cox, A. Davis, K. Davis, Dean, DeChiaro, Elliott, Fraschillo, Gwozdz, R.H. Hill, Hofacre, Hong, Jerome, Kimber, Wilson Kimber, Koch, Lebsack, Leventhal, Malone, Moreland, Moser, Panella, Ragsdale, Redfield, Reynolds, R.X. Sanchez, L.D. Smith, M.A. Stringer, Tisdale, Waldoff, V. Wood, Wooton, York, Zaninelli

The University of Southern Mississippi School of Music is a fully-accredited member of the National Association of Schools of Music. Requirements are in accordance with the published regulations of this Association.

Students electing to take applied lessons not required for specific degree programs are required to pay an additional fee. (See Special Fees and Expenses.)

There are two undergraduate majors available to students in the School of Music, a major in Music or in Music Education. Emphasis areas in music are: Church Music, Jazz Studies, Music History and Literature, Performance (Organ, Percussion, Piano, Strings, Guitar, Voice, and Wind Instruments), Composition, and Music Industry. Music Education emphasis areas are: Instrumental and Choral (with plans for singers, keyboardists, guitarists, and elementary school teachers).

All music majors are responsible for policies found in handout "USM School of Music Policies," available in the Fine Arts building, second floor.

Many School of Music courses are offered on a rotation basis. Consult the "School of Music Rotation Guide" available in the Fine Arts Building, second floor, or call 601-266-5363 to request a copy.

Major Ensemble Requirement

Every music or music education degree requires participation in the same major ensemble for the equivalent of eight consecutive semesters, excluding summers; music education majors who graduate within eight semesters are excused from meeting one semester of this eight- semester requirement. Students who transfer to USM will receive one semester of ensemble credit for each semester of participation in an ensemble at their previous institution(s); a maximum of four semesters of credit will be granted. Students who do not have the proper number of terms of registration for the correct major performing ensemble will not be allowed to graduate.

Major performing ensembles are band (excepting summer band), orchestra, and chorus (excepting evening and summer chorus and MUP 486). Jazz lab band satisfies the requirement only for students pursuing the BM degree with emphasis in jazz. For students whose degree plan requires a chorus, assignment to the proper major performing chorus is made by the director of choral activities.

The approval of the School Director must be obtained for any exceptions to the major performing ensemble requirement as stated above.

Advisory Auditions and Approval of Concentration

Every potential music major is required to take a placement examination in piano during the first week of classes in their first term of enrollment as a music major. A decision to approve/not approve one's major instrument/voice must be made before the student completes 26 hours. For transfer students, the decision will be made before the end of the first semester of matriculation at USM.

Recital Attendance Requirements

Recital Class is an official class for one (1) hour credit. Music and Music Education majors are required to register for Recital Class (MUP* 299 or 499) and receive a grade of "P" (Passing) each semester for a minimum of eight consecutive semesters, if the student completes degree requirements within eight (8) semesters of full-time enrollment. This requirement will be waived for the semester a student is registered for MED 493. Transfer students receive one semester of recital credit for each semester of full-time work completed at other colleges; the maximum number of semesters that can be credited to any transfer student is four.

*Applied Music courses have the designation MUP, i.e, Musical Performance Studies.

Jury Policy

Music majors and music minors enrolled in MUP Private Lessons in their principal applied area must perform a jury for appropriate applied faculty. All others enrolled in MUP Private Lessons must perform a final examination for the applied teacher. At the finish of each semester and summer term, the applied teacher must complete a "Final Jury/Examination Form" for each student and file it with the Academic Adviser. Students enrolled in applied music who do not take a final examination or a jury will receive the grade "I" or "F." The applied teacher must record and submit any exception to this policy to the Academic Adviser; signatures of all appropriate area faculty must be included on this form.

Emphasis: Church Music

The curriculum in Church Music is designed to provide a thorough and complete course of training for those who intend to pursue church music as a full-time profession. Special emphasis is placed on literature to be used in the church services. Students will not be enrolled for organ until satisfactory proficiency at the piano has been demonstrated.

Students seeking the Church Music Emphasis in the Bachelor of Music Degree must concentrate in one applied music emphasis, either voice, organ or piano. The major emphasis must be studied for a minimum of eight semesters and include twenty semester hours of credit. The student will present a full recital (MUP 470), open to the public, that is graded "Satisfactory" by the appropriate area.

Emphasis: Music Composition

This emphasis is designed to prepare the student for teaching theory and composition and writing and arranging music of serious intent. Various steps in the preparation of music from the preliminary sketch to the published composition are included.

Emphasis: Music History and Literature

The curriculum in Music History and Literature is planned for those who intend ultimately to teach musicology on the college level or for those who desire careers in music librarianship, music journalism, music publishing, or the recording industry— fields in which a wide and comprehensive knowledge of music history and literature is essential.

The student in music history and literature will receive a strong foundation not only in his or her chosen field but also in theory and in academic subjects which will enrich the student's cultural background.

During the final semesters of matriculation, the student must enroll in MUS 492-Special Problems (3 hrs.) for an independent study that culminates in a senior thesis. The exact nature of the thesis will be decided by the student and the musicology faculty of the School of Music. The thesis project should reflect significant individual effort that involves library or field research. The project must conform to scholarly procedures accepted within the discipline. Prospectus: A prospectus acceptable to the thesis adviser must be submitted no later than one semester prior to graduation.

Emphasis: Jazz

Half recital required. Recital must be approved by major instrument professor and Director of Jazz Studies.

Emphasis: Music Industry

The aim of the Bachelor of Music degree with an emphasis in Music Industry is to prepare undergraduates for positions in the music industry.

The plan of courses meets the University's general education requirements and the School of Music's expectations for the degree Bachelor of Music. In addition, it provides the opportunity for career-training by allowing one to choose a plan of directed electives that will prepare him/her for a job in a music industry field. These twenty-four to twenty-seven hours of directed electives, along with required courses in Music Industry, will train students for employment in Merchandising, Music Management, Film and Video, Video and Audio, Public Relations, or Advertising.

No matter which group of directed electives is chosen, 112-115 hours of the required 136-142 hours in the degree are the same for all who emphasize Music Industry.

In addition to completing the usual four-year undergraduate program, the student must intern in the industry for a summer term or for a Fall or Spring semester.

Requirements for a Major in Music Education

(Bachelor of Music Education—BME)

The curricula in music education are designed to prepare musicians who will teach in the public or private schools or teach privately. The emphases listed below are designed to provide a balance between music performance, music pedagogy, and general education. These curricula are fully-certified by the National Association of Schools of Music, and they satisfy teacher licensure requirements. To satisfy requirements in the State of Mississippi, students seeking the BME degree must earn a grade of C or better in all courses carrying the MED prefix and ENG 101 and ENG 102.

Criteria for Admission to Teacher Education Programs, Completion of Teacher Education Programs, forms, deadlines and procedures can be found in this BULLETIN under the heading COLLEGE OF EDUCATION AND PSYCHOLOGY.

Students seeking the Bachelor of Music Education degree must:

a) make satisfactory progress with one concentrate (e.g., flute, voice) in at least seven (7) semesters of applied music study (summers are not included);
b) present a half-recital (MUP 395), open to the public, that is graded "Satisfactory" by the appropriate faculty area.

Piano Competency

Music education majors (including transfer students) are required to pass the "USM Piano Competency Examination" before enrolling in Student Teaching. Piano competencies are developed through enrollment in a four-semester sequence of piano classes, applied lessons, or a combination of both.

Freshmen who matriculate with substantial piano backgrounds may begin private study immediately. Freshmen with limited experience in piano will be screened during their spring term, then begin class piano their sophomore year. Transfer students are encouraged to attempt the "USM Piano Competency Examination" prior to matriculation at USM (call 601-266-5363 for an appointment); testing and advising will also be conducted during the first week of classes each semester (including summer sessions) for those who are unable to arrange prior examinations.

A block of time will be scheduled during Juries each semester (including summer sessions) for "USM Piano Competency Examination" appointments. Exams are offered only at this time.

This program provides students with an opportunity to reduce the number of semesters in piano study. The "USM Piano Competency Examination" can be taken any time it is offered. Students are encouraged to pass the examination as soon as possible. Those who pass before they have registered for four hours of piano credit may use the remaining hours for further piano study or for elective credit. If proficiencies are not developed in pace with the class piano syllabus, the number of semesters will be increased. Credit hours accumulated is not a criterion for passing the "USM Piano Competency Examination."

Performance Concentration

In order to recognize those undergraduate students majoring in music education who meet the standards of a music performance major, a music education program with a performance concentration is available. Interested undergraduate music education majors must discuss this option with their applied teacher. Written policies regarding this concentration may be picked up in the Fine Arts building, second floor.

Emphasis: Choral Music—Elementary Education

Students wishing to become Elementary School Music specialists should follow the curriculum for Instrumental, Keyboard, Guitar, or Vocal Emphasis with the following exception: MED 440 should replace MED 411 or 412 and MUS 456 should be added.

Pace Degree Plan

Page
Church Music 92
Composition 93
History and Literature 94
Jazz Studies 95
Music Industry 96
Organ 97
Percussion 98
Piano 99
Strings 100
Voice 101
Wind Instruments 102
Choral - Guitar 103
Instrumental 104
Choral - Keyboard 105
Choral - Vocal 106
BA - Music 107

Requirements for a Minor in Applied Music

Students minoring in Applied Music must complete eighteen (18) hours as follows: Required—six (6) semesters of private applied or group study; two performances on a student (class) recital; and three semesters in an appropriate major ensemble. Electives—nine (9) hours chosen from MUS 100, 101, 102, 201, 231, 232, and MED 331/333 or MED 332.

Requirements for a Minor in History and Music History

Students seeking to complete a minor in History and Music History must complete twenty-four (24) hours in the following courses, nine of which must be in music. HIS 140 or 141, 401, 407, 413, 424.MUS 231, 232, 332, 360, 431, 432, 433, 434, 435, 436, 437, 450, 471.

Requirements for a Minor in Music History and Theory

Students minoring in Music History and Theory must complete eighteen (18) hours in any courses bearing a prefix of MUS or MED (excluding MED 100, MUS 361, and MUS 365).

Note: Many of the courses offered by the School of Music have prerequisites; students should consult the University Bulletin for the course descriptions.

Department of Art

Jennifer Torres, Chair
Hattiesburg, MS 39406-5033
(601) 266-4972
FAX (601) 266-6379
email Visual.arts@usm.edu
http://www.usm.edu/~arts

Baggett, J. Bowman, DeMarsche, Douglas, Goggin, Gorzegno, House, Meade, Torres, Van Houten, Ward

The University of Southern Mississippi's Department of Art is an accredited institutional member of the National Association of Schools of Art and Design. Requirements are in accordance with the published regulations of NASAD.

Curricula leading to the degree of Bachelor of Fine Arts are offered in art education, drawing and painting, graphic communication and three-dimensional design. Curricula are also available in art leading to the degree of Bachelor of Arts in Art and the Bachelor of Arts in Museum Studies. Minor programs are available in art. The National Teacher Examinations are required of all students with an emphasis in Art Education.

Professional and student art exhibitions are continuously on view in the USM Museum of Art.

Pace Degree Plan

Page
Art....108
Art Education....109
Drawing and Painting....110
Graphic Communication....111
Three Dimensional Design....112
Museum Studies....113

Requirements for a Minor in Art

Students minoring in Art Studio must complete twenty-one (21) hours as follows: Art Core (ART 101, 102, 111) and twelve (12) hours elective courses (ART 112 [strongly recommended]), 200 and 300-level Art Studio and 300-level Art History).

Requirements for a Minor in Art History

Students minoring in Art History must complete the following twenty-one (21) hours: ART 131, 332, 334 and twelve (12) hours of Art History (elect from ART 400, 431, 432, 433, 434, 435, 436, 498).

Department of Theatre and Dance

George Crook, Chair
Hattiesburg, MS 39406-5052
(601) 266-4994

Amacker, Hayes, Hill, Judd, Kuhn, Mullican, Nielsen, Prieur, Quarnstrom, Van Sickle

The University of Southern Mississippi Department of Theatre and Dance is an accredited member of the National Association of Schools of Theatre and the National Association of Schools of Dance. Theatre and Dance requirements are in accordance with the published regulations of these Associations.

The Department offers major and minor degree programs in both theatre and dance. These are the only programs in the state offered in a college of the arts. Both programs provide the student with sound theory and intensive practical training and, in addition, opportunities for extensive performance experiences and exposure to visiting professional artists. Not every course is offered every semester. Please refer to the class schedule guide for current semester course offerings.

The curriculum leading to the degree of Bachelor of Fine Arts with an emphasis in dance education will prepare dancers to teach in public or private schools. The program is designed to provide a well-rounded education that balances dance performance, choreography, and pedagogy with the core curriculum. Students should note that in order to maintain a program of the highest quality, the total hours required by the Dance Education program exceeds that of the performance and choreography emphasis area.

Students desiring to become public elementary or secondary school dance education specialists must adhere to all teacher education requirements, including an overall grade point average of 2.50 on 44 hours of general core courses, and the successful completion of student teaching. In addition, students must earn a grade of "C" or higher in all Dance Education courses and in all required professional education courses. Criteria for Admission to Teacher Education Programs, Completion of Teacher Education Program, forms, deadlines and procedures can be found in this **Bulletin** under the heading **College of Education and Psychology**. Students must consult an adviser in dance and the current **Bulletin** for prerequisites and proper sequences of courses.

Out-of-state students should consult with their respective state agencies regarding licensure requirements.

For information concerning the Master of Fine Arts degree, please consult the Graduate Bulletin.

Pace Degree Plan

Page
Dance Performance and Choreography....114
Dance Education....115
Acting....116
Design and Technical....117
Theatre....118

Requirements for a Minor in Theatre

Students minoring in Theatre must complete twenty-one (21) hours as follows: THE 103, 120, and 1 hour of Theatre Laboratory; OR THE 100, 120, and 3 hours Theatre Laboratory (from three different laboratory areas). The remainder of the Theatre minor requirements are to be designed in collaboration with the minor adviser in the following areas: General Theatre, Acting, Design & Technical Theatre, Literature/History/Theory/Criticism.

Requirements for a Minor in Dance

Students minoring in Dance must complete twenty-two (22) hours. The following eleven (11) hours are required: DAN 107 (3 hours), DAN 250, DAN 252, DAN 352, DAN 452 (for 4 hours), DAN 150, DAN 258, DAN 358, DAN 458 (for 4 hours). With the advice of an academic dance faculty adviser, the remaining eleven (11) hours are chosen from as follows: DAN 105, DAN 106, DAN 253, DAN 254, DAN 258, DAN 358, DAN 259, DAN 350, DAN 354, DAN 359, DAN 362, DAN 400L, DAN 252, DAN 352, DAN 452, DAN 453, DAN 455, DAN 458, DAN 462, DAN 463, DAN 465, DED 464.

CHURCH MUSIC

PACE Degree Plan (A31)

01. REASONING AND COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT
- 02 SCM 111

02. HUMANITIES AND FINE ARTS
- 01 HIS 101 AND HIS 102.
- 02 ENG 203.

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 SELECT 6 HOURS FROM DEPT OF ANT, ECO, GHY, PS, PSY OR SOC COURSES DESCRIBED IN CATEGORY III OF THE GENERAL EDUCATION CURRICULUM
- 02 SELECT 3 HOURS FROM DEPT OF ENG, CSS, FL, PHI, SCM, HIS, REL, ANT, ECO, GHY, PS, PSY, AND SOC. COURSES DESCRIBED IN CATEGORY I, II, AND III OF THE GENERAL EDUCATION CURRICULUM.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), CHE 104, CHE 104L), (GLY 101, GLY 101L)
- 02 SCIENCE OR MATH ELECTIVE: 3-4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 MED 101, 102, 201, 202. (MED 331 / 333) or MED 332, AND MED 450.
- 02 MUS 100, MUS 101, MUS 102, MUS 103, AND MUS 104.
- 03 MUS 201, MUS 202, MUS 203, MUS 204, MUS 231, AND MUS 232.
- 04 MUS 462, MUS 301, MUS 302, MUS 305, MUS 306, MUS 351, MUS 401, MUS 423, MUS 448, MUS 453 AND MUS 460.
- 05 MUS 321 OR MUS 322
- 06 8 SEMESTERS, TOTALING 24 CREDIT HOURS (EXCLUDING SUMMERS) OF EITHER VOICE, ORGAN, OR PIANO REQUIRED.
- 07 8 SEMESTERS OF CHOIR REQUIRED. (MUP 283/483, MUP 488; CANNOT BE MUP 486). SUMMERS EXCLUDED.
- 08 MUP 470.
- 09 8 SEMESTERS RECITAL CLASS (MUP 299 FOR 4 SEMESTERS) AND (MUP 499 FOR 4 SEMESTERS)

Minimum of 145 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

COMPOSITION

PACE Degree Plan (A32)

01. REASONING AND COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT, SCM 111.
- 02 CSS 145

02. HUMANITIES AND FINE ARTS
- 01 HIS 101 AND HIS 102.
- 02 ENG 203

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 SELECT 6 HOURS FROM DEPT OF ANT, ECO, GHY, PS, PSY OR SOC SELECT FROM COURSES DESCRIBED IN CATEGORY III OF THE GENERAL EDUCATION CURRICULUM

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), CHE 104, CHE 104L), (GLY 101, GLY 101L)
- 02 SCIENCE OR MATH ELECTIVE: 3-4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 SELECT 6 HOURS FROM DEPT OF FL. (MUST BE ONE LANGUAGE)
- 02 MED 101, MED 102, MED 201, AND MED 202
- 03 (MED 331 AND MED 333) OR MED 332.
- 04 MUS 100, MUS 101, MUS 102, MUS 103, MUS 104.
- 05 MUS 201, MUS 202, MUS 203, MUS 204, MUS 231 AND MUS 232.
- 06 MUS 321 AND MUS 322.
- 07 MUS 301, MUS 302 AND MUS 401.
- 08 SELECT 3 HOURS FROM MUSIC HISTORY/LITERATURE COURSES.
- 09 MAJOR INSTRUMENT MUST BE STUDIED 8 SEMESTERS (MINIMUM 16 HRS). MINOR INSTRUMENT REQUIRED 4 SEMESTERS. SUMMERS EXCLUDED.
- 10 MUP 291 AND 292 MUST BE TAKEN FOR 1 HOUR EACH AND MUP 391, MUP 392, MUP 491, AND MUP 492 MUST BE TAKEN FOR 2 HOURS EACH.
- 11 8 SEMESTERS RECITAL CLASS. (MUP 299 FOR 4 SEMESTERS) AND (MUP 499 FOR 4 SEMESTERS).
- 12 8 SEMESTERS OF THE SAME MAJOR ENSEMBLE (BAND, ORCHESTRA, OR CHOIR ONLY). SUMMERS EXCLUDED.

Minimum of 137 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

HISTORY AND LITERATURE

PACE Degree Plan (A34)

01. REASONING AND COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT, SCM 111

02. HUMANITIES AND FINE ARTS
- 01 ENG 203.
- 03 HIS 101 AND HIS 102.

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 SELECT 6 HOURS FROM DEPT OF ANT, ECO, GHY, PS, PSY OR SOC SELECT FROM COURSES DESCRIBED IN CATEGORY III OF THE GENERAL EDUCATION CURRICULUM

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), CHE 104, CHE 104L), (GLY 101, GLY 101L)
- 02 SCIENCE OR MATH ELECTIVE: 3-4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 SELECT 12 HOURS FROM DEPT OF FL.
- 02 MED 101, MED 102, MED 201, AND MED 202
- 03 (MED 331 AND MED 333) OR MED 332.
- 04 MUS 100, MUS 101, MUS 102, MUS 103, AND MUS 104.
- 05 MUS 201, MUS 202, MUS 203, MUS 204, MUS 231 AND MUS 232.
- 06 MUS 301, MUS 302 AND MUS 401.
- 07 MUS 321 AND MUS 322.
- 08 SELECT 15 HOURS FROM DEPT OF MUS HISTORY AND LITERATURE CRS OF WHICH 3 HOURS MUST BE MUS 492. (SENIOR THESIS)
- 09 MAJOR INSTRUMENT: 8 SEMESTERS OF STUDYING THE SAME INSTRUMENT (16 HOURS MINIMUM, SUMMERS EXCLUDED).
- 10 RECITAL CLASS MUST BE TAKEN 8 TIMES. (MUP 299 FOR 4 SEMESTERS) AND (MUP 499 FOR 4 SEMESTERS).
- 11 MUP 485 MUST BE TAKEN FOR 4 SEMESTERS EACH—COLLEGIUM.
- 12 8 SEMESTERS OF THE SAME MAJOR ENSEMBLE IS REQUIRED. (BAND, ORCHESTRA, OR CHOIR ONLY. CANNOT BE MUP 486.) SUMMERS EXCLUDED.

Minimum of 146 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

JAZZ STUDIES

PACE Degree Plan (A35)

01. REASONING AND COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT, SCM 111
- 02 SELECT 3 HOURS FROM DEPT OF CSS, SCM, FL, SCM, PHI, REL, AMS, ECO, GHY, PS, PSY AND SOC.

02. HUMANITIES AND FINE ARTS
- 01 HIS 101 AND HIS 102.
- 02 ENG 203.

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 SELECT 6 HOURS FROM DEPT OF ANT, ECO, GHY, PS, PSY OR SOC COURSES DESCRIBED IN CATEGORY III OF THE GENERAL EDUCATION CURRICULUM

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), CHE 104, CHE 104L), (GLY 101, GLY 101L)
- 02 SCIENCE OR MATH ELECTIVE: 3-4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 MED 101, MED 102, MED 201 AND MED 202
- 02 MED 332
- 03 MUS 100, MUS 101, MUS 102, MUS 103, AND MUS 104
- 04 MUS 201, MUS 202, MUS 203, MUS 204, MUS 231 AND MUS 232
- 05 MUS 302, MUS 360, MUS 367, MUS 368, MUS 375, MUS 376, MUS 401, MUS 470, MUS 301, MUS 322, MUS 467, MUS 468, MUS 475 AND MUS 476
- 06 MAJOR INSTRUMENT: 8 SEMESTERS OF STUDYING THE SAME MAJOR INSTRUMENT REQUIRED. (16 HOURS MINIMUM). SUMMERS EXCLUDED.
- 07 RECITAL CLASS MUST BE TAKEN 8 TIMES. (MUP 299 FOR 4 SEMESTERS) AND (MUP 499 FOR 4 SEMESTERS)
- 08 MUP 484 FOR 8 SEMESTERS. SUMMERS EXCLUDED.
- 09 MUP 480 MUST BE TAKEN FOR 4 HOURS
- 10 MUP 395--JAZZ RECITAL

Minimum of 143 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

MUSIC INDUSTRY

PACE Degree Plan (A36)

01. REASONING AND COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT, CSS 145
- 02 SCM 111.

02. HUMANITIES AND FINE ARTS
- 01 HIS 101 AND HIS 102.
- 02 ENG 203.

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 ECO 201 AND PSY 110.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), CHE 104, CHE 104L), (GLY 101, GLY 101L)
- 02 SCIENCE OR MATH ELECTIVE: 3-4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 MED 101, MED 102, MED 201, MED 202
- 02 MUS 100, MUS 101, MUS 102, MUS 103, MUS 104, MUS 301, AND MUS 302.
- 03 MUS 201, MUS 202, MUS 203, MUS 204, MUS 231 AND MUS 232.
- 04 MUS 105, MUS 106, MUS 303, AND MUS 405.
- 05 SELECT 3 HOURS MUSIC HISTORY ELECTIVE.
- 06 MUS 406—INTERNSHIP.
- 07 MAJOR INSTRUMENT AND THE SAME MAJOR ENSEMBLE REQUIRED FOR 8 SEMESTERS EACH. (MINIMUM 17 HOURS). SUMMERS EXCLUDED.
- 08 RECITAL CLASS MUST BE TAKEN 8 TIMES. (MUP 299 FOR 4 SEMESTERS AND MUP 499 FOR 4 SEMESTERS)
- 09 DEPENDING ON CAREER TRACK, 18 TO 30 HOURS OF DIRECTED ELECTIVES.
- 10 MUP 395—RECITAL.

Minimum of 141-147 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

ORGAN

PACE Degree Plan (A37)

01. REASONING AND COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT, SCM 111

02. HUMANITIES AND FINE ARTS
- 01 HIS 101 AND HIS 102.
- 02 ENG 203.

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 SELECT 6 HOURS FROM DEPT OF ANT, ECO, GHY, PS, PSY OR SOC SELECT FROM COURSES DESCRIBED IN CATEGORY III OF THE GENERAL EDUCATION CURRICULUM

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), CHE 104, CHE 104L), (GLY 101, GLY 101L)
- 02 SCIENCE OR MATH ELECTIVE: 3-4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 MUP 101, MUP 102, MUP 111, MUP 112, MUP 211 AND MUP 212.
- 02 MUP 311, MUP 312, MUP 370, MUP 471 FOR 4 SEMESTERS, MUP 411, MUP 412, AND MUP 470.
- 03 MUS 100, MUS 101, MUS 102, MUS 103, MUS 104.
- 04 MUS 201, MUS 202, MUS 203, MUS 204, MUS 231 AND MUS 232.
- 05 MUS 301, MUS 302, MUS 401, MUS 423, MUS 444, MUS 460, MUS 462.
- 06 MUS 321 OR MUS 322.
- 07 MED 331, MED 332, MED 301, MED 454 AND MED 455.
- 08 RECITAL CLASS MUST BE TAKEN 8 TIMES. (MUP 299 FOR 4 SEMESTERS AND MUP 499 FOR 4 SEMESTERS).
- 09 8 SEMESTERS OF THE SAME MAJOR ENSEMBLE (BAND, ORCHESTRA, OR CHOIR ONLY). SUMMERS EXCLUDED.
- 10 SELECT 6 HOURS FROM DEPT OF FL.

Minimum of 147 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

PERCUSSION

PACE Degree Plan (A38)

01. REASONING AND COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT, SCM 111
- 02 SELECT 3 HOURS FROM DEPT OF CSS, SCM, FL, SCM, PHI, REL, AMS, ECO, GHY, PS, PSY AND SOC.

02. HUMANITIES AND FINE ARTS
- 01 ENG 203.
- 02 HIS 101 AND HIS 102.

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 SELECT 6 HOURS FROM DEPT OF ANT, ECO, GHY, PS, PSY OR SOC SELECT FROM COURSES DESCRIBED IN CATEGORY III OF THE GENERAL EDUCATION CURRICULUM

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), CHE 104, CHE 104L), (GLY 101, GLY 101L)
- 02 SCIENCE OR MATH ELECTIVE: 3-4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 MED 101, MED 102, MED 201, AND MED 202
- 02 MED 332, AND MED 458.
- 03 MUS 100, MUS 101, MUS 102, MUS 103, AND MUS 104.
- 04 MUS 201, MUS 202, MUS 203, MUS 204, MUS 231 AND MUS 232.
- 05 MUS 301, MUS 302, (MUS 321 OR MUS 322), MUS 401, AND MUS 446.
- 06 SELECT 3 HOURS FROM MUSIC HISTORY COURSES.
- 07 MUP 156, MUP 157, MUP 256 AND MUP 257.
- 08 MUP 356, MUP 357, MUP 370, MUP 471 (FOR 4 SEMESTERS), MUP 456, MUP 457, MUP 470.
- 09 RECITAL CLASS MUST BE TAKEN 8 TIMES. (MUP 299 FOR 4 SEMESTERS AND MUP 499 FOR 4 SEMESTERS).
- 10 BAND MUST BE TAKEN 8 SEMESTERS (EXCLUDING SUMMERS). MUP 282 FOR 4 SEMESTERS. MUP 482 FOR 4 SEMESTERS.

Minimum of 137 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

PIANO

PACE Degree Plan (A3A)

01. REASONING AND COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT, SCM 111
- 02 SELECT 3 HOURS FROM DEPT OF CSS, SCM, FL, SCM, PHI, REL, AMS, ECO, GHY, PS, PSY AND SOC.

02. HUMANITIES AND FINE ARTS
- 01 HIS 101 AND HIS 102.
- 02 ENG 203.

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 SELECT 6 HOURS FROM DEPT OF ANT, ECO, GHY, PS, PSY OR SOC COURSES DESCRIBED IN CATEGORY III OF THE GENERAL EDUCATION CURRICULUM

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), CHE 104, CHE 104L), (GLY 101, GLY 101L)
- 02 SCIENCE OR MATH ELECTIVE: 3-4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 MED 332 OR (MED 331 AND MED 333)
- 02 MED 452 AND MED 453
- 03 MUS 100, MUS 101, MUS 102, MUS 103, AND MUS 104
- 04 MUS 201, MUS 202, MUS 203, MUS 204, MUS 231 AND MUS 232
- 05 MUS 301, MUS 302, MUS 322, MUS 442.
- 06 SELECT A 3 HOUR MUSIC HISTORY COURSE.
- 07 MUP 101, MUP 102, MUP 201 AND MUP 202
- 08 MUP 301, MUP 302, MUP 370, MUP 471 (FOR 2 SEMESTERS), MUP 375, MUP 376, MUP 401, MUP 402, MUP 470, MUP 475 AND MUP 476
- 09 RECITAL CLASS MUST BE TAKEN 8 TIMES. (MUP 299 FOR 4 SEMESTERS. MUP 499 FOR 4 SEMESTERS).
- 10 8 SEMESTERS OF THE SAME MAJOR ENSEMBLE REQUIRED. (BAND, ORCHESTRA, OR CHOIR ONLY). SUMMERS EXCLUDED.

Minimum of 136 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

STRINGS

PACE Degree Plan (A3B)

01. REASONING AND COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT, SCM 111
- 02 SELECT 3 HOURS FROM DEPT OF CSS, SCM, FL, SCM, PHI, REL, AMS, ECO, GHY, PS, PSY AND SOC.

02. HUMANITIES AND FINE ARTS
- 01 HIS 101 AND HIS 102.
- 02 ENG 203.

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 SELECT 6 HOURS FROM DEPT OF ANT, ECO, GHY, PS, PSY OR SOC COURSES DESCRIBED IN CATEGORY III OF THE GENERAL EDUCATION CURRICULUM

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), CHE 104, CHE 104L), (GLY 101, GLY 101L)
- 02 SCIENCE OR MATH ELECTIVE: 3-4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 MED 101, MED 102, MED 201, MED 202
- 02 MED 332 AND MED 456.
- 03 MUS 100, MUS 101, MUS 102, MUS 103, AND MUS 104.
- 04 MUS 201, MUS 202, MUS 203, MUS 204, MUS 231 AND MUS 232.
- 05 MUS 301, MUS 302, (MUS 321 OR MUS 322), MUS 401, AND MUS 446.
- 06 SELECT A 3 HOUR MUSIC HISTORY COURSE.
- 07 MAJOR INSTRUMENT: 8 SEMESTERS OF STUDYING THE SAME INSTRUMENT (24 HOURS REQUIRED; SUMMERS EXCLUDED).
- 08 RECITAL CLASS MUST BE TAKEN 8 TIMES . (MUP 299 FOR 4 SEMESTERS AND MUP 499 FOR 4 SEMESTERS)
- 09 8 HOURS OF MUP 481, ORCHESTRA. SUMMER EXCLUDED.
- 10 MUP 370, MUP 470, AND MUP 471 FOR 4 SEMESTERS.

Minimum of 138 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

VOICE

PACE Degree Plan (A3D)

01. REASONING AND COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT
- 02 SCM 111

02. HUMANITIES AND FINE ARTS
- 01 HIS 101 AND HIS 102.
- 02 ENG 203.

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 SELECT 6 HOURS FROM DEPT OF ANT, ECO, GHY, PS, PSY OR SOC SELECT FROM COURSES DESCRIBED IN CATEGORY III OF THE GENERAL EDUCATION CURRICULUM

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), CHE 104, CHE 104L), (GLY 101, GLY 101L)
- 02 SCIENCE OR MATH ELECTIVE: 3-4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 MED 101, MED 102, MED 201, MED 202
- 02 MED 331, MED 333, MED 450 AND MED 451.
- 03 MUS 100, MUS 101, MUS 102, MUS 103, MUS 104.
- 04 MUS 201, MUS 202, MUS 203, MUS 204, MUS 231 AND MUS 232.
- 05 MUS 301, MUS 302, MUS 440 AND MUS 441.
- 06 MUS 321 OR MUS 322
- 07 SELECT 3 HOURS FROM MUSIC HISTORY COURSES.
- 08 SELECT 12 HOURS FROM DEPT OF FL. MUS BE FRE, GER, OR ITA.
- 09 FRE 405 OR GER 405.
- 10 MUP 161, MUP 162, MUP 261, MUP 262.
- 11 MUP 361, MUP 362 AND MUP 370.
- 12 MUP 461, MUP 462 AND MUP 470.
- 13 RECITAL CLASS MUST BE TAKEN 8 TIMES. (MUP 299 FOR 4 SEMESTERS. MUP 499 FOR 4 SEMESTERS).
- 14 MUP 490. MUST BE TAKEN FOR 4 SEMESTERS.
- 15 8 SEMESTERS OF CHOIR REQUIRED (MUP 288, 283, 488, 483. CANNOT BE MUP 486; SUMMERS EXCLUDED).

Minimum of 141 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

WIND INSTRUMENTS

PACE Degree Plan (A3E)

01. REASONING AND COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT, SCM 111
- 02 SELECT 3 HOURS FROM DEPT OF CSS, SCM, FL, SCM, PHI, REL, AMS, ECO, GHY, PS, PSY AND SOC.

02. HUMANITIES AND FINE ARTS
- 01 HIS 101 AND HIS 102.
- 02 ENG 203.

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 SELECT 6 HOURS FROM DEPT OF ANT, ECO, GHY, PS, PSY OR SOC COURSES DESCRIBED IN CATEGORY III OF THE GENERAL EDUCATION CURRICULUM

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), CHE 104, CHE 104L), (GLY 101, GLY 101L)
- 02 SCIENCE OR MATH ELECTIVE: 3-4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 MED 101, MED 102, MED 201, AND MED 202
- 02 MED 332 AND MED 458.
- 03 MUS 100, MUS 101, MUS 102, MUS 103, AND MUS 104.
- 04 MUS 201, MUS 202, MUS 203, MUS 204, MUS 231 AND MUS 232.
- 05 MUS 301, MUS 302, (MUS 321 OR MUS 322), MUS 401, AND MUS 446.
- 06 SELECT 3 HOURS FROM MUSIC HISTORY COURSES.
- 07 MAJOR INSTRUMENT: 8 SEMESTERS OF STUDYING THE SAME INSTRUMENT (24 HOURS REQUIRED; SUMMERS EXCLUDED).
- 08 RECITAL CLASS MUST BE TAKEN 8 TIMES (MUP 299 FOR 4 SEMESTERS; MUP 499 FOR 4 SEMESTERS).
- 09 8 SEMESTERS OF THE SAME MAJOR ENSEMBLE REQUIRED (BAND: MUP 282 (4), MUP 482 (4). ORCHESTRA: MUP 481 (8). SUMMERS EXCLUDED).
- 10 MUP 370, MUP 470, AND MUP 471 FOR 4 SEMESTERS

Minimum of 137 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

CHORAL—GUITAR
PACE Degree Plan (A41)

01. REASONING AND COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT
- 02 SCM 111.

02. HUMANITIES AND FINE ARTS
- 01 HIS 101 AND HIS 102.
- 02 ENG 203.
- 03 SELECT 3 HOURS FROM DEPT OF ENG COURSES DESCRIBED IN THE LITERATURE SECTION OF CATEGORY II OF THE GENERAL EDUCATION CURRICULUM

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 PSY 110.
- 02 PS 101.

04. NATURAL AND APPLIED SCIENCES
- 01 SELECT 4 HOURS FROM DEPT OF BSC.
- 02 SELECT 1 GROUP FROM THOSE LISTED BELOW:
  - A AST 111 AND AST 111L
  - B AST 112 AND AST 112L
  - C CHE 106 AND CHE 106L
  - D CHE 107 AND CHE 107L
  - E CHE 104 AND CHE 104L
  - F GLY 101 AND GLY 101L
  - G GLY 103 AND GLY 103L
  - H GLY 151 AND GLY 151L
  - I MAR 151 AND MAR 151L
  - J PHY 111 AND PHY 111L
  - K PHY 112 AND PHY 112L

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 MED 101, MED 102, MED 201, AND MED 202, MED 300, MED 311, MED 312, MED 331, MED 333, AND MED 411.
- 02 MED 450
- 03 MUS 100, MUS 101, MUS 102, MUS 103, AND MUS 104.
- 04 MUS 201, MUS 202, MUS 203, MUS 204, MUS 231, MUS 232, AND MUS 448.
- 05 MUP 161, MUP 162, MUP 167, MUP 168, MUP 267, MUP 268, MUP 367, MUP 368, AND MUP 467.
- 06 8 SEMESTERS RECITAL CLASS REQUIRED; ONE SEMESTER WAIVED IF STUDENT TEACHING IN EIGHTH SEMESTER. (MUP 299 (4) SEMESTERS, MUP 499 (4).
- 07 8 SEMESTERS OF THE SAME MAJOR ENSEMBLE REQUIRED. ONE SEMESTER WAIVED IF STUDENT TEACHING IN EIGHTH SEMESTER. (BAND: MUP 282 (4), MUP 482 (4). CHOIR: MUP 283, 483, 488 (8). ORCHESTRA: MUP 481 (8).) SUMMERS EXCLUDED.

07. TEACHER EDUCATION REQUIREMENTS
- 01 STUDENTS WISHING TO PARTICIPATE IN TEACHER EDUCATION PROGRAMS MUST SEQUENTIALLY:
  1. COMPLETE 44 PRESCRIBED HOURS OF THE GENERAL EDUCATION CURRICULUM WITH MINIMUM GPA OF 2.5
  2. PASS THE PRAXIS I EXAM (PPST OR CBT) OR HAVE THE APPROPRIATE PRE-COLLEGE ACT SCORES.
  3. BE FORMALLY ADMITTED INTO THE TEACHER EDUCATION PROGRAM (USUALLY BY THE FIRST TERM OF THE JUNIOR YEAR) BY SEEING THE REPRESENTATIVE IN THE USM TEACHER CERTIFICATION OFFICE, OWINGS MCQUAGGE HALL.
- 02 PSY 374, SPE 400, REF 400 AND REF 469.
  4. PASS THE PRAXIS II (PLT) EXAM AND TEACHING AREA SPECIALTY (MUSIC EDUCATION) EXAM.
  5. PASS THE PIANO COMPETENCY EXAM BEFORE STUDENT TEACHING.
- 03 MED 493 AND MED 494 (STUDENT TEACHING), MED 410
  6. APPLY FOR CERTIFICATION.
  7. FOR FURTHER INFORMATION, SEE HANDOUT "TEACHER ED REQUIREMENTS AND COURSES" AVAILABLE IN THE FINE ARTS BUILDING, SECOND FLOOR.

Minimum of 152 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

INSTRUMENTAL

PACE Degree Plan (A42)

01. REASONING AND COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT
- 02 SCM 111

02. HUMANITIES AND FINE ARTS
- 01 HIS 101 AND HIS 102
- 02 ENG 203
- 03 SELECT 3 HOURS FROM DEPT OF ENG COURSES DESCRIBED IN THE LITERATURE SECTION OF CATEGORY II OF THE GENERAL EDUCATION CURRICULUM

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 PSY 110.
- 02 PS 101.

04. NATURAL AND APPLIED SCIENCES
- 01 SELECT 4 HOURS FROM DEPT OF BSC.
- 02 SELECT 1 GROUP FROM THOSE LISTED BELOW:
  - A AST 111 AND AST 111L
  - B AST 112 AND AST 112L
  - C CHE 106 AND CHE 106L
  - D CHE 107 AND CHE 107L
  - E CHE 104 AND CHE 104L
  - F GLY 101 AND GLY 101L
  - G GLY 103 AND GLY 103L
  - H GLY 151 AND GLY 151L
  - I MAR 151 AND MAR 151L
  - J PHY 111 AND PHY 111L
  - K PHY 112 AND PHY 112L

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 MED 101, MED 102, MED 201, AND MED 202.
- 02 MED 221, MED 300, MED 400, MED 427 AND MED 428.
- 03 MED 311, MED 312, MED 332, MED 412, AND MED 413.
- 04 MUS 100, MUS 101, MUS 102, MUS 103, AND MUS 104.
- 05 MUS 201, MUS 202, MUS 203, MUS 204, MUS 231 AND MUS 232.
- 06 MUS 301, AND MUS 302
- 07 MAJOR INSTRUMENT: 8 SEMESTERS OF STUDYING THE SAME INSTRUMENT; ONE SEMESTER WAIVED IF STUDENT TEACHING IN EIGHTH SEMESTER. (APPROPRIATE INSTRUMENT MUST BE SELECTED). SUMMERS EXCLUDED.
- 08 8 SEMESTERS RECITAL CLASS REQUIRED; ONE SEMESTER WAIVED IF STUDENT TEACHING IN EIGHTH SEMESTER. (MUP 299 FOR 4 SEMESTERS, MUP 499 FOR 4 SEMESTERS).
- 09 ONE SEMESTER OF CHOIR REQUIRED. (MUP 283/483, 488 OR 486).
- 10 8 SEMESTERS OF BAND REQUIRED; ONE SEMESTER WAIVED IF STUDENT TEACHING IN EIGHTH SEMESTER. (MUP 282 (4), MUP 482 (4)). SUMMERS EXCLUDED.

07. TEACHER EDUCATION REQUIREMENTS
- 01 STUDENTS WISHING TO PARTICIPATE IN TEACHER EDUCATION PROGRAMS MUST SEQUENTIALLY:
  1. COMPLETE 44 PRESCRIBED HOURS OF THE GENERAL EDUCATION CURRICULUM WITH MINIMUM GPA OF 2.5
  2. PASS THE PRAXIS I EXAM (PPST OR CBT) OR HAVE THE APPROPRIATE PRE-COLLEGE ACT SCORES.
  3. BE FORMALLY ADMITTED INTO THE TEACHER EDUCATION PROGRAM (USUALLY BY THE FIRST TERM OF THE JUNIOR YEAR) BY SEEING THE REPRESENTATIVE IN THE TEACHER CERTIFICATION OFFICE, OWINGS MCQUAGGE HALL.
- 02 PSY 374, SPE 400, REF 400 AND REF 469.
  4. PASS THE PRAXIS II (PLT) EXAM AND TEACHING AREA SPECIALTY (MUSIC EDUCATION) EXAM
  5. PASS THE PIANO COMPETENCY EXAM BEFORE STUDENT TEACHING.
- 03 MED 493 AND MED 494(STUDENT TEACHING), MED 410
  6. APPLY FOR CERTIFICATION.
  7. FOR FURTHER INFORMATION, SEE HANDOUT "TEACHER ED REQUIREMENTS AND COURSES" AVAILABLE IN THE FINE ARTS BUILDING, SECOND FLOOR.

Minimum of 153 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

CHORAL—KEYBOARD
PACE Degree Plan (A41)

01. REASONING AND COMMUNICATION SKILLS
- 01 *ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT
- 02 SCM 111.

02. HUMANITIES AND FINE ARTS
- 01 HIS 101 AND HIS 102.
- 02 ENG 203.
- 03 SELECT 3 HOURS FROM DEPT OF ENG COURSES DESCRIBED IN THE LITERATURE SECTION OF CATEGORY II OF THE GENERAL EDUCATION CURRICULUM

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 PS 101.
- 02 PSY 110.

04. NATURAL AND APPLIED SCIENCES
- 01 SELECT 4 HOURS FROM DEPT OF BSC.
- 02 SELECT 1 GROUP FROM THOSE LISTED BELOW:
  - A AST 111 AND AST 111L
  - B AST 112 AND AST 112L
  - C CHE 106 AND CHE 106L
  - D CHE 107 AND CHE 107L
  - E CHE 104 AND CHE 104L
  - F GLY 101 AND GLY 101L
  - G GLY 103 AND GLY 103L
  - H GLY 151 AND GLY 151L
  - I MAR 151 AND MAR 151L
  - J PHY 111 AND PHY 111L
  - K PHY 112 AND PHY 112L

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 MED 300, MED 311, MED 312, MED 331, MED 333, MED 411, MED 450, MED 452.
- 02 MUS 100, MUS 101, MUS 102, MUS 103, AND MUS 104.
- 03 MUS 201, MUS 202, MUS 203, MUS 204, MUS 231 AND MUS 232.
- 04 MUS 301, MUS 302, AND MUS 448.
- 05 PIANO: MUP 101, 102, 201, 202, 301, 302, 401; VOICE: MUP 161, 162, 261, 262.
- 06 8 SEMESTERS RECITAL CLASS REQUIRED; ONE SEMESTER WAIVED IF STUDENT TEACHING IN EIGHTH SEMESTER. (MUP 299 FOR 4 SEMESTERS; MUP 499 FOR 4 SEMESTERS).
- 07 MUP 490.
- 08 8 SEMESTERS OF CHOIR REQUIRED. (MUP 283/483, MUP 488. CANNOT BE MUP 486; SUMMERS EXCLUDED).

07. TEACHER EDUCATION REQUIREMENTS
- 01 STUDENTS WISHING TO PARTICIPATE IN TEACHER EDUCATION PROGRAMS MUST SEQUENTIALLY:
  1. COMPLETE 44 PRESCRIBED HOURS OF THE GENERAL EDUCATION CURRICULUM WITH MINIMUM GPA OF 2.5.
  2. PASS THE PRAXIS EXAM (PPST OR CBT) OR HAVE THE APPROPRIATE PRE-COLLEGE ACT SCORES.
  3. BE FORMALLY ADMITTED INTO THE TEACHER EDUCATION PROGRAM (USUALLY BY THE FIRST TERM OF THE JUNIOR YEAR) BY SEEING THE REPRESENTATIVE AT THE TEACHER CERTIFICATION OFFICE, OWINGS-MCQUAGGE HALL.
- 02 PSY 374, SPE 400, REF 400 AND REF 469.
  4. PASS THE PRAXIS II (PLT) EXAM AND TEACHING AREA SPECIALTY (MUSIC EDUCATION) EXAM.
  5. PASS THE PIANO COMPETENCY EXAM BEFORE STUDENT TEACHING.
- 03 MED 493 AND MED 494 (STUDENT TEACHING), MED 410
  6. APPLY FOR CERTIFICATION.
  7. FOR FURTHER INFORMATION, SEE HANDOUT "TEACHER ED REQUIREMENTS AND COURSES" AVAILABLE IN THE FINE ARTS BUILDING, SECOND FLOOR

Minimum of 150 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

CHORAL—VOCAL

PACE Degree Plan (A41)

01. REASONING AND COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT
- 02 SCM 111.

02. HUMANITIES AND FINE ARTS
- 01 HIS 101 AND HIS 102.
- 02 ENG 203.
- 03 SELECT 3 HOURS FROM DEPT OF ENG COURSES DESCRIBED IN THE LITERATURE SECTION OF CATEGORY II OF THE GENERAL EDUCATION CURRICULUM

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 PS 101.
- 02 PSY 110.

04. NATURAL AND APPLIED SCIENCES
- 01 SELECT 4 HOURS FROM DEPT OF BSC.
- 02 SELECT 1 GROUP FROM THOSE LISTED BELOW:
  - A AST 111 AND AST 111L
  - B AST 112 AND AST 112L
  - C CHE 106 AND CHE 106L
  - D CHE 107 AND CHE 107L
  - E CHE 104 AND CHE 104L
  - F GLY 101 AND GLY 101L
  - G GLY 103 AND GLY 103L
  - H GLY 151 AND GLY 151L
  - I MAR 151 AND MAR 151L
  - J PHY 111 AND PHY 111L
  - K PHY 112 AND PHY 112L

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 MED 101, MED 102, MED 201, MED 202.
- 02 MED 300, MED 311, MED 312, MED 331, MED 333, MED 411, MED 450.
- 03 MUS 100, MUS 101, MUS 102, MUS 103, AND MUS 104.
- 04 MUS 201, MUS 202, MUS 203, MUS 204, MUS 231 AND MUS 232.
- 05 MUS 301, MUS 302, AND MUS 448.
- 06 MUP 161, MUP 162, MUP 261, MUP 262, MUP 361, MUP 362, MUP 461
- 07 MUP 490
- 08 8 SEMESTERS OF RECITAL CLASS REQUIRED; ONE SEMESTER WAIVED IF STUDENT TEACHING IN EIGHTH SEMESTER (MUP 299 (4) AND MUP 499 (4)).
- 09 8 SEMESTERS OF CHOIR REQUIRED. ONE SEMESTER WAIVED IF STUDENT TEACHING IN EIGHTH SEMESTER. (MUP 283/483 OR MUP 488; CANNOT BE MUP 486. SUMMERS EXCLUDED).

07. TEACHER EDUCATION REQUIREMENTS
- 01 STUDENTS WISHING TO PARTICIPATE IN TEACHER EDUCATION PROGRAMS MUST SEQUENTIALLY:
  1. COMPLETE 44 PRESCRIBED HOURS OF THE GENERAL EDUCATION CURRICULUM WITH MINIMUM GPA OF 2.5
  2. PASS THE PRAXIS I EXAM (PPST OR CBT) OR HAVE THE APPROPRIATE PRE-COLLEGE ACT SCORES.
  3. BE FORMALLY ADMITTED INTO THE TEACHER EDUCATION PROGRAM (USUALLY BY THE FIRST TERM OF THE JUNIOR YEAR) BY SEEING THE USM REPRESENTATIVE IN THE TEACHER CERTIFICATION OFFICE, OWINGS-MCQUAGGE HALL.
- 02 PSY 374, SPE 400, REF 400 AND REF 469.
  4. PASS THE PRAXIS II (PLT) EXAM AND TEACHING AREA SPECIALTY (MUSIC EDUCATION) EXAM.
  5. PASS THE PIANO COMPETENCY EXAM BEFORE STUDENT TEACHING.
- 03 MED 493 AND MED 494 (STUDENT TEACHING), MED 410
  6. APPLY FOR CERTIFICATION.
  7. FOR FURTHER INFORMATION, SEE HANDOUT "TEACHER ED REQUIREMENTS AND COURSES" AVAILABLE IN THE FINE ARTS BUILDING, SECOND FLOOR.

Minimum of 150 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

BA—MUSIC

PACE Degree Plan (A30)

01. REASONING AND COMMUNICATION SKILLS
- 01 ENG 101, ENG 102, MAT 101 OR HIGHER LEVEL
- 02 SCM 111 OR SCM 305 OR SCM 330

02. HUMANITIES AND FINE ARTS
- 01 ENG 203
- 02 CHOOSE ONE: ART 130 OR DAN 107 OR THE 100
- 03 12 HOURS OF THE SAME FOREIGN LANGUAGE
- 04 HIS 101 AND HIS 102
- 05 CHOOSE ONE THREE HOUR ENG, HIS, OR FL ELECTIVE
- 06 CHOOSE 6 HOURS FROM UNIVERSITY APPROVED LIST OF HUMANITIES COURSES
- 07 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 SELECT 9 HOURS FROM UNIVERSITY APPROVED LIST OF COURSES IN ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, POLITICAL SCIENCE, PSYCHOLOGY, AND SOCIOLOGY. MAXIMUM OF 3 HOURS PER DISCIPLINE.

04. NATURAL AND APPLIED SCIENCES (11 HRS.)
- 01 LAB SCIENCE: 8 HRS RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L)
- 02 3 HOUR MATH OR SCIENCE ELECTIVE; MUST NOT DUPLICATE CONTENT OF LAB SCIENCES. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301.

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. GENERAL STUDIES ELECTIVES (6 HRS)
- 01 SELECT 6 HOURS FROM HONORS COURSES, REASONING AND COMMUNICATIONS SKILLS, HUMANITIES AND FINE ARTS (NOT MUSIC), SOCIAL AND BEHAVIORAL SCIENCES, NATURAL AND APPLIED SCIENCES.

07. MAJOR AREA OF STUDY
- 01 MUS 100, MUS 101, MUS 102, MUS 103, AND MUS 104
- 02 MUS 201, MUS 202, MUS 2O3, MUS 204
- 03 MUS 231 AND MUS 232
- 04 MUS 301
- 05 MUS 302
- 06 3 HOUR MUSIC HISTORY ELECTIVE
- 07 6 CONSECUTIVE SEMESTERS OF THE SAME MAJOR ENSEMBLE (SUMMERS EXCLUDED)
- 08 6 SEMESTERS OF MAJOR INSTRUMENT (TWO SEMESTERS MUST BE AT USM; ONE LEVEL 300 OR HIGHER; SUMMERS EXCLUDED).
- 09 3 SEMESTERS OF RECITAL CLASS (MUP 299/499) REQUIRED AT USM. TRANSFER CREDITS DO NOT APPLY.
- 10 MUP 395 (0 HOURS), PERFORMING RECITAL, OR MUSIC HISTORY COURSE NUMBERED 400 OR ABOVE.
- 11 4 HOURS OF MUSIC ELECTIVES (MUS, MUP, OR MED COURSES)

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

ART

PACE Degree Plan (A00)

01. REASONING/COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT
- 02 SCM 111

02. HUMANITIES AND FINE ARTS
- 01 ENG 203
- 02 SELECT 3 HOURS FROM DEPT OF ENG OR PHI COURSES DESCRIBED IN THE LITERATURE AND PHILOSOPHY SECTIONS OF CATEGORY II OF THE GENERAL EDUCATION CURRICULUM
- 03 HIS 101 AND HIS 102.

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 SELECT 6 HOURS FROM DEPT OF ANT, ECO, GHY, PS, PSY OR SOC COURSES DESCRIBED IN CATEGORY III OF THE GENERAL EDUCATION CURRICULUM

04. NATURAL AND APPLIED SCIENCE (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L)
- 02 SCIENCE OR MATH ELECTIVE: 3-4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 ART 101, ART 102, ART 111 ART 112, AND ART 113.
- 02 ART 332 AND ART 334, ART 201, ART 202.
- 03 SELECT 6 HOURS FROM ART ELECTIVES.
- 04 ANY 2 GROUPS FROM (ART 301, ART 302, ART 303) OR (ART 341, ART 342, ART 343) OR (ART 321, ART 322, ART 323) OR (ART 351, ART 352, ART 353) OR (ART 311, ART 312, ART 313) OR (ART 361, ART 362, ART 363) OR (ART 371, ART 372, ART 373)
- 05 SELECT 21 HOURS FROM ANY DEPT (INCLUDING ART DEPT, THIS COURSEWORK CAN BE MINOR AREA.)
- 06 SELECT 9 HOURS FROM DEPT OF FL SELECT ONLY ONE LANGUAGE. SELECT FROM FRENCH, GERMAN, SPANISH, OR ITALIAN. SEEK ADVICE FROM DEPT OF FL.
- 07 SELECT 1 COURSE FROM GROUP BELOW FOR ART HISTORY ELECTIVE:
  GRP 1: ART 410, ART 431, ART 432, ART 433, ART 434, ART 435, ART 436, ART 438, ART 415, ART 420.
  GRP 2: ART 400, ART 498

Minimum of 130 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

ART EDUCATION

PACE Degree Plan (A10)

01. REASONING/COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT
- 02 SCM 111.

02. HUMANITIES AND FINE ARTS
- 01 HIS 101 AND HIS 102.
- 02 ENG 203
- 03 SELECT 3 HOURS FROM DEPT OF ENG COURSES DESCRIBED IN THE LITERATURE SECTION OF CATEGORY II OF THE GENERAL EDUCATION CURRICULUM

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 PSY 110.
- 02 SELECT 3 HOURS FROM DEPT OF ANT, ECO, GHY, PS, PSY OR SOC SELECT FROM COURSES DESCRIBED CATEGORY III OF THE GENERAL EDUCATION CURRICULUM

04. NATURAL AND APPLIED SCIENCES
- 01 SELECT 8 HOURS FROM DEPT OF BSC AND PHY. COURSES DESCRIBED IN CATEGORY IV OF THE GENERAL EDUCATION CURRICULUM AS LAB SCIENCE.

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105

06. MAJOR AREA OF STUDY
- 01 ART 101, ART 102, ART 111 ART 112, AND ART 113
- 02 ART 201, ART 202, ART 321, ART 322, ART 332, ART 334, ART 351, ART 352, AND ART 361, ART 362
- 03 ARE 452, ARE 482, AND ARE 492
- 04 SELECT 3 HOURS FROM ANY ART STUDIO ELECTIVES
- 05 SELECT 6 HOURS FROM COURSES ART 410, ART 431, ART 432, ART 433, ART 434, ART 435, ART 436, ART 438, ART 498, ART 400, ART 415, ART 420
- 06 6 HOURS OF ARE 453

07. TEACHER EDUCATION REQUIREMENTS
- 01 STUDENTS WISHING TO PARTICIPATE IN TEACHER EDUCATION PROGRAMS MUST SEQUENTIALLY:
  1. COMPLETE 44 ACCEPTABLE HOURS OF THE GENERAL EDUCATION CURRICULUM WITH MINIMUM GPA OF 2.5, AND PASS THE PRAXIS I GENERAL KNOWLEDGE EXAM. EXAM SHOULD BE TAKEN THE LAST SEMESTER OF THE SOPHOMORE YEAR.
  2. BE FORMALLY ADMITTED INTO THE TEACHER EDUCATION PROGRAM (USUALLY BY THE FIRST TERM OF THE JUNIOR YEAR).
- 02 PSY 374, SPE 400, REF 400 AND REF 469
- 03 ARE 452 (AREA METHODS)
  3. COMPLETE PRAXIS EXAM (SPECIALTY AREA AND PLT)
- 04 ARE 482 (STUDENT TEACHING)
  4. APPLY FOR LICENSURE (CLASS A)

Minimum of 136 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

DRAWING AND PAINTING

PACE Degree Plan (A11)

01. REASONING/COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT
- 02 SCM 111

02. HUMANITIES AND FINE ARTS
- 01 HIS 101 AND HIS 102.
- 02 ENG 203.
- 03 SELECT 3 HOURS FROM DEPT OF ENG OR PHI COURSES DESCRIBED IN THE LITERATURE AND PHILOSOPHY SECTIONS OF CATEGORY II OF THE GENERAL EDUCATION CURRICULUM

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 SELECT 6 HOURS FROM DEPT OF ANT, ECO, GHY, PS, PSY OR SOC COURSES DESCRIBED IN CATEGORY III OF THE GENERAL EDUCATION CURRICULUM

04. NATURAL AND APPLIED SCIENCE (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L)
- 02 SCIENCE OR MATH ELECTIVE: 3-4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 ART 101, ART 102, ART 111 ART 112, AND ART 113.
- 02 ART 201, ART 202, ART 321, ART 322, ART 332 AND ART 334.
- 03 ART 301, ART 302, ART 323, ART 421, ART 303, ART 422, ART 423, AND ART 428.
- 04 SELECT 21 HOURS FROM DEPT OF ART
- 05 SELECT 9 HOURS FROM COURSES ART 410, ART 431, ART 432, ART 433, ART 434, ART 435, ART 436, ART 438, ART 498, ART 400, ART 415, ART 420.

Minimum of 133 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

GRAPHIC COMMUNICATION

PACE Degree Plan (A02)

01. REASONING/COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT
- 02 SCM 111

02. HUMANITIES AND FINE ARTS
- 01 HIS 101 AND HIS 102
- 02 ENG 203.
- 03 SELECT 3 HOURS FROM DEPT OF ENG OR PHI COURSES DESCRIBED IN THE LITERATURE AND PHILOSOPHY SECTIONS OF CATEGORY II OF THE GENERAL EDUCATION CURRICULUM

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 SELECT 6 HOURS FROM DEPT OF ANT, ECO, GHY, PS, PSY OR SOC COURSES DESCRIBED IN CATEGORY III OF THE GENERAL EDUCATION CURRICULUM

04. NATURAL AND APPLIED SCIENCE (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L)
- 02 SCIENCE OR MATH ELECTIVE: 3-4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 ART 101, ART 102, ART 111 ART 112, AND ART 113.
- 02 ART 201, ART 311, ART 332, ART 334, ART 341, ART 342 AND ART 344.
- 03 ART 312, ART 313, ART 343, ART 363, ART 415, ART 441, ART 442, ART 443 AND ART 448
- 04 SELECT 21 HOURS FROM DEPT OF ART
- 05 ART 415 AND SELECT 3 HOURS FROM COURSES ART 410, ART 431, ART 432, ART 433, ART 434, ART 435, ART 436, ART 438, ART 498, ART 400, ART 420.

Minimum of 130 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

THREE DIMENSIONAL DESIGN

PACE Degree Plan (A03)

01. REASONING/COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT
- 02 SCM 111

02. HUMANITIES AND FINE ARTS
- 01 HIS 101 AND HIS 102
- 02 ENG 203.
- 03 SELECT 3 HOURS FROM DEPT OF ENG OR PHI COURSES DESCRIBED IN THE LITERATURE AND PHILOSOPHY SECTIONS OF CATEGORY II OF THE GENERAL EDUCATION CURRICULUM

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 SELECT 6 HOURS FROM DEPT OF ANT, ECO, GHY, PS, PSY OR SOC COURSES DESCRIBED IN CATEGORY III OF THE GENERAL EDUCATION CURRICULUM

04. NATURAL AND APPLIED SCIENCE (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L)
- 02 SCIENCE OR MATH ELECTIVE: 3-4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 ART 101, ART 102, ART 111 ART 112, AND ART 113.
- 02 ART 201, ART 202, ART 351, ART 352, ART 361, ART 362, ART 363, ART 332 AND ART 334.
- 03 STUDIO ELECTIVE, ART 353, ART 451, ART 452, OR ART 461 AND ART 462, ART 453 OR ART 463 AND ART 458 OR ART 468.
- 04 SELECT 18 HOURS FROM DEPT OF ART
- 05 SELECT 9 HOURS FROM COURSES ART 410, ART 431, ART 432, ART 433, ART 434, ART 435, ART 436, ART 438, ART 498, ART 400, ART 415, ART 420.

Minimum of 133 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

MUSEUM STUDIES

PACE Degree Plan (A90)

01. REASONING/COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT
- 02 SCM 111

02. HUMANITIES AND FINE ARTS
- 01 ENG 203
- 02 SELECT 3 HOURS FROM DEPT OF ENG OR PHI COURSES DESCRIBED IN THE LITERATURE AND PHILOSOPHY SECTIONS OF CATEGORY II OF THE GENERAL EDUCATION CURRICULUM
- 03 HIS 101 AND HIS 102.

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 SELECT 6 HOURS FROM DEPT OF ANT, ECO, GHY, PS, PSY OR SOC COURSES DESCRIBED IN CATEGORY III OF THE GENERAL EDUCATION CURRICULUM

04. NATURAL AND APPLIED SCIENCE (11 HRS)
- 01 SELECT 3 GROUPS FROM THOSE LISTED BELOW.
  - A AST 111 AND AST 111L
  - B AST 112 AND AST 112L
  - C BSC 102 AND BSC 103L
  - D BSC 110 AND BSC 110L
  - E BSC 107 AND BSC A07L
  - F BSC 108 AND BSC 108L
  - G BSC 111 AND BSC 111L
  - H CHE 101 AND CHE 101L
  - I CHE 102 AND CHE 102L
  - J CHE 104 AND CHE 104L
  - K GLY 101 AND GLY 101L
  - L GLY 102 AND GLY 103
  - M GLY 151 AND GLY 151L
  - N PHY 101 AND PHY 101L
  - O PHY 102 AND PHY 102L
  - P PHY 103 AND PHY 103L
  - Q ESC 301 OR MAT 103 OR MAT 112

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 ART 101, ART 111 ART 112, AND ART 113 AND ART 221.
- 02 ART 238, ART 332 AND ART 334.
- 03 SELECT 6 HOURS FROM: ART 335L, ART 336L, ART 337L.
- 04 ART 331, ART 430, ART 437, ART 439
- 05 SELECT 21 ART HISTORY HOURS ART 400, ART 410, ART 415, ART 431, ART 432, ART 433, ART 434, ART 435, ART 436, ART 438, ART 492, ART 498
- 06 SELECT 12 HOURS FROM DEPT OF FL SELECT ONLY ONE LANGUAGE. SELECT FROM FRENCH, GERMAN, OR SPANISH. SEEK ADVICE FROM DEPT OF FL.
- 07 SELECT 9 HOURS FROM ANY DEPT.

Minimum of 130 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

DANCE PERFORMANCE AND CHOREOGRAPHY

PACE Degree Plan (A60)

01. REASONING AND COMMUNICATION SKILLS (12 HOURS)
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT
- 02 SELECT ONE COURSE FROM SCM 111, SCM 305, SCM 320, OR SCM 330

02. HUMANITIES AND FINE ARTS (9 HOURS)
- 01 ENG 203.
- 02 HIS 101 AND HIS 102.

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HOURS)
- 01 SELECT 6 HOURS FROM DEPT OF ANT, ECO, GHY, PS, PSY OR SOC COURSES DESCRIBED IN CATEGORY III OF THE GENERAL EDUCATION CURRICULUM

04. NATURAL AND APPLIED SCIENCES (11 HOURS)
- 01 BSC 250 AND BSC 250L
- 02 SELECT 1 LAB SCIENCE COURSE DESCRIBED IN CATEGORY IV OF THE GENERAL EDUCATION CURRICULUM
- 03 SELECT 3 HOURS FROM DEPT OF AST, BSC, CHE, ESC, NFS, FS, GLY, PHY AND MAT COURSES DESCRIBED IN CATEGORY IV OF THE GENERAL EDUCATION CURRICULUM

05. HUMAN WELLNESS (2 HOURS)
- 01 NFS 167 AND HPR 105.

06. CORE ELECTIVE (3 HOURS)
- 01 SELECT 3 HOURS FROM COURSES DESCRIBED IN CATEGORIES I, II, OR III OF THE GENERAL EDUCATION CURRICULUM.

07. MAJOR AREA OF STUDY (88 HOURS)
- 01 8 SEMESTER HOURS TAKEN FROM DAN 252, DAN 352, DAN 452 (FOR 16 HOURS); 8 SEMESTER HOURS TAKEN FROM DAN 258, DAN 358, DAN 458 (FOR 16 HOURS); DAN 350 (FOR 2 HOURS); DAN 453 (FOR 4 HOURS).
- 02 DAN 253, DAN 259, DAN 354 (4 HOURS MAXIMUM), DAN 359, DAN 370, DAN 470, *DAN 455 (4 HOURS MINIMUM)
- 03 DAN 107 (FULFILLS CATEGORY II CORE REQUIREMENT), DAN 254, DAN 362, DAN 462, DAN 463, DED 464, DAN 465
- 04 SELECT 8 HOURS OF ELECTIVES FROM ANY DEPT.: SUGGESTED COURSES ARE DAN 400L, *DAN 455, DAN 471, DAN 487L, DAN 492, DAN 499, CSC 100, THE 110, THE 120, THE 202, THE 492, ART 130, MUS 332, CSC 100, HPR 301 AND HPR 301L, MUS 365. (*BY AUDITION.)

Minimum of 131 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

DANCE EDUCATION

PACE Degree Plan (658)

01. REASONING AND COMMUNICATION SKILLS (12 HOURS)
- 01 ENG 101
- 02 ENG 102
- 03 MAT 101 OR HIGHER LEVEL MAT
- 04 SCM 111

02. HUMANITIES AND FINE ARTS (12 HOURS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 SELECT 3 HOURS FROM DEPT OF ENG COURSES DESCRIBED IN THE LITERATURE SECTION OF CATEGORY II OF THE GENERAL EDUCATION CURRICULUM

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HOURS)
- 01 PSY 110 AND PSY 110L
- 02 SELECT 3 HOURS FROM DEPT OF ANT, ECO, GHY, PS, PSY OR SOC COURSES DESCRIBED IN CATEGORY III OF THE GENERAL EDUCATION CURRICULUM

04. NATURAL AND APPLIED SCIENCES (8 HOURS)
- 01 BSC 250 AND BSC 250L
- 02 SELECT 1 LAB SCIENCE COURSE DESCRIBED IN CATEGORY IV OF THE GENERAL EDUCATION CURRICULUM

05. HUMAN WELLNESS (2 HOURS)
- 01 NFS 167
- 02 HPR 105

06. MAJOR AREA OF STUDY (88 HOURS)
- 01 6 SEMESTER HOURS TAKEN FROM DAN 252, DAN 352, DAN 452 (FOR A TOTAL OF 12 HOURS)
- 02 7 SEMESTER HOURS TAKEN FROM DAN 258, DAN 358, DAN 458 (FOR A TOTAL OF 14 HOURS)
- 03 DAN 350
- 04 DAN 453 (FOR 4 HOURS).
- 05 DAN 253, DAN 259, DAN 354, DAN 370
- 06 DAN 354 (FOR 2 HOURS MAXIMUM); DAN 455 (FOR 2 HOURS MINIMUM).
- 07 DAN 107 (FULFILLS CATEGORY II CORE REQUIREMENT), DAN 254, DAN 362, DAN 462, DAN 463, DAN 465
- 08 DED 264, DED 364

07. TEACHER EDUCATION REQUIREMENTS (29 HOURS)
- 01 STUDENTS WISHING TO PARTICIPATE IN TEACHER EDUCATION PROGRAMS MUST SEQUENTIALLY:
  1. COMPLETE 44 HOURS OF THE GENERAL EDUCATION CURRICULUM WITH MINIMUM GPA OF 2.5, AND PASS
  2. BE FORMALLY ADMITTED INTO THE TEACHER EDUCATION PROGRAM (USUALLY BY THE FIRST TERM OF THE JUNIOR YEAR)
- 02 PSY 374, SPE 400, REF 400, REF 469
- 03 DED 464 (AREA METHODS)
- 04 DED 467, DED 468 (STUDENT TEACHING AND APPLY FOR LICENSURE)

Minimum of 137 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

ACTING

PACE Degree Plan (A71)

01. REASONING AND COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT
- 02 SCM 111 OR THE 111

02. HUMANITIES AND FINE ARTS
- 01 HIS 101 AND HIS 102.
- 02 ENG 203 AND ENG 200.

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 SELECT 6 HOURS FROM DEPT OF ANT, ECO, GHY, PS, PSY OR SOC COURSES DESCRIBED IN CATEGORY III OF THE GENERAL EDUCATION CURRICULUM

04. NATURAL AND APPLIED SCIENCES
- 01 SELECT 3 GROUPS FROM THOSE LISTED BELOW:
  - A AST 111 AND AST 111L
  - B AST 112 AND AST 112L
  - C BSC 103 AND BSC 103L
  - D BSC 110 AND BSC 110L
  - E BSC 107 AND BSC 107L
  - F BSC 108 AND BSC 108L
  - G BSC 111 AND BSC 111L
  - H CHE 101 AND CHE 101L
  - I CHE 102 AND CHE 102L
  - J CHE 104 AND CHE 104L
  - K GLY 101 AND GLY 101L
  - L GLY 103 AND GLY 103L
  - M GLY 151 AND GLY 151L
  - N PHY 101 AND PHY 101L
  - O PHY 102 AND PHY 102L
  - P PHY 103 AND PHY 103L
  - Q ESC 301 OR MAT 103 OR MAT 112

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 THE 103 (FULFILLS CAT I CORE REQUIREMENT), THE 111 (FULFILLS CAT II CORE REQUIREMENT), THE 115 AND THE 120.
- 02 CHOOSE 2 FROM (THE 200/200L, THE 201/201L, THE 306/306L)
- 03 THE 215, THE 304, THE 310, THE 320, THE 361, THE 417, THE 427, THE 429, AND THE 450.
- 04 SELECT 15 HOURS OF ADVANCED THE ELECTIVES TO BE APPROVED BY THEATRE DEPT ADVISER.
- 05 SELECT 12 HOURS FROM THE LABS 481L-489L.
  THESE ARE TO BE PRACTICUM HOURS DEPENDING UPON STUDENT'S AREA OF STUDY.
- 06 SELECT 15 HOURS OF ELECTIVES.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

DESIGN AND TECHNICAL

PACE Degree Plan (A73)

01. REASONING AND COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT
- 02 SCM 111 OR THE 111

02. HUMANITIES AND FINE ARTS
- 01 ENG 203 AND ENG 200.
- 03 HIS 101 AND HIS 102.

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 SELECT 6 HOURS FROM DEPT OF ANT, ECO, GHY, PS, PSY OR SOC COURSES DESCRIBED IN CATEGORY III OF THE GENERAL EDUCATION CURRICULUM

04. NATURAL AND APPLIED SCIENCES
- 01 SELECT 3 GROUPS FROM THOSE LISTED BELOW:
  - A AST 111 AND AST 111L
  - B AST 112 AND AST 112L
  - C BSC 103 AND BSC 103L
  - D BSC 110 AND BSC 110L
  - E BSC 107 AND BSC 107L
  - F BSC 108 AND BSC 108L
  - G BSC 111 AND BSC 111L
  - H CHE 101 AND CHE 101L
  - I CHE 102 AND CHE 102L
  - J CHE 104 AND CHE 104L
  - K GLY 101 AND GLY 101L
  - L GLY 103 AND GLY 103L
  - M GLY 151 AND GLY 151L
  - N PHY 101 AND PHY 101L
  - O PHY 102 AND PHY 102L
  - P PHY 103 AND PHY 103L
  - Q ESC 301 OR MAT 103 OR MAT 112

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 THE 103, THE 111, THE 120, THE 200, THE 201, THE 304, THE 306, THE 320, THE 401, THE 406, THE 412, THE 427, THE 428, AND THE 433.
- 02 SELECT 15 HOURS OF ADVANCED THE ELECTIVES TO BE APPROVED BY THEATRE DEPT ADVISER.
- 03 SELECT 12 HOURS FROM THE LABS 481L-489L.
  THESE ARE TO BE PRACTICUM HOURS DEPENDING UPON STUDENT'S CHOICE OF STUDY.
- 04 SELECT 14 HOURS OF ELECTIVES.

Minimum of 129 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

GENERAL THEATRE

PACE Degree Plan (A74)

01. REASONING/COMMUNICATION SKILLS
- 01 ENG 101, ENG 102 AND MAT 101 OR HIGHER LEVEL MAT
- 02 SCM 111 OR THE 111.

02. HUMANITIES AND FINE ARTS
- 01 ENG 203 AND ENG 200.
- 02 HIS 101 AND HIS 102.

03. SOCIAL AND BEHAVIORAL SCIENCES
- 01 SELECT 6 HOURS FROM DEPT OF ANT, ECO, GHY, PS, PSY OR SOC COURSES DESCRIBED IN CATEGORY III OF THE GENERAL EDUCATION CURRICULUM

04. NATURAL AND APPLIED SCIENCES
- 01 SELECT 3 GROUPS FROM THOSE LISTED BELOW:
  - A AST 111 AND AST 111L
  - B AST 112 AND AST 112L
  - C BSC 103 AND BSC 103L
  - D BSC 110 AND BSC 110L
  - E BSC 107 AND BSC 107L
  - F BSC 108 AND BSC 108L
  - G BSC 111 AND BSC 111L
  - H CHE 101 AND CHE 101L
  - I CHE 102 AND CHE 102L
  - J CHE 104 AND CHE 104L
  - K GLY 101 AND GLY 101L
  - L GLY 103 AND GLY 103L
  - M GLY 151 AND GLY 151L
  - N PHY 101 AND PHY 101L
  - O PHY 102 AND PHY 102L
  - P PHY 103 AND PHY 103L
  - Q ESC 301 OR MAT 103 OR MAT 112

05. HUMAN WELLNESS
- 01 NFS 167 AND HPR 105.

06. MAJOR AREA OF STUDY
- 01 THE 103, THE 111, THE 115 AND THE 120.
- 02 CHOOSE 2 FROM (THE 200/200L, THE 201/201L, THE 306/306L)
- 03 THE 304, THE 320, THE 361, THE 427 CHOOSE ONE FROM (THE 428, AND THE 429)
- 04 SELECT 12 HOURS OF ADVANCED THE ELECTIVES TO BE APPROVED BY THEATRE DEPT ADVISER.
- 05 SELECT 7 OR MORE HOURS OF THE LABS 481L-489L. THESE ARE TO BE PRACTICUM HOURS SPREAD ACROSS ALL AREAS OF THEATRE.
- 06 SELECT A MINOR OF THE STUDENT'S CHOICE. A MINIMUM OF 18 HOURS (MORE FOR SOME MINORS) IS REQUIRED. IF THE STUDENT DOES NOT SELECT A MINOR, THEN AN ADDITIONAL 9 HOURS OF THE AND 9 HOURS OF ELECTIVES IS REQUIRED.

07. SELECT 15 HOURS OF ELECTIVES

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

College of Business Administration

Academic Offerings

2000-2001

School/Department	Major/Emphasis	Degree**
SCHOOL OF ACCOUNTANCY AND INFORMATION SYSTEMS		
	ACCOUNTING	BSBA
	Accounting Emphasis	
	MANAGEMENT INFORMATION SYSTEMS*	BSBA
	Financial Information Systems Emphasis	
	Management Information Systems Emphasis	
ECONOMICS, FINANCE, AND INTERNATIONAL BUSINESS		
	ECONOMICS*	BSBA
	Economics Emphasis	
	FINANCE*	BSBA
	Banking and Finance Emphasis	
	Insurance Emphasis	
	Real Estate Emphasis	
	INTERNATIONAL BUSINESS	BSBA
	International Business Emphasis	
MANAGEMENT AND MARKETING		
	BUSINESS ADMINISTRATION*	BSBA
	Business Administration Emphasis	
	MANAGEMENT*	BSBA
	Management Emphasis	
	Production/Operations Management Emphasis	
	MARKETING*	BSBA
	Marketing Emphasis	

*Minor Available to Non-Business Students

**Degree Abbreviation: (BSBA) Bachelor of Science in Business Administration.

College of Business Administration

William D. Gunther, Dean
Roderick B. Posey, Associate Dean for Administrative Affairs
Farhang Niroomand, Associate Dean for Academic Affairs
William Smith, Assistant Dean for Corporate Relations
Debby Hill, Manager, CBA Undergraduate Academic Services
Carolyn Cawthon, Academic Adviser
Jimmy Farris, Recruitment and Retention Coordinator, Advisor
Vicki Flanagan, Assessment Coordinator, Advisor
Hattiesburg, MS 39406-0064
(601) 266-4663

Mission

The College of Business Administration at the University of Southern Mississippi is committed to preparing students for careers in business and to assisting organizations in South Mississippi. Accordingly, our programs emphasize

• values conducive to personal and career development •
• the functions and environment of business •
• communication and critical-thinking •
• the global dimension of business •
• ethical decision-making. •

To fulfill our mission the College seeks a balanced and synergistic agenda of instruction, scholarly activity, and professional service.

Accreditation

Recognizing that the College of Business Administration has fulfilled accreditation requirements, the AACSB–The International Association for Management Education–has accredited all business programs offered on the Hattiesburg and Gulf Coast campuses. The School of Professional Accountancy has also achieved separate accreditation by AACSB.

Organization and Administration

Dean's Office

The Dean is the chief administrative officer of the College of Business Administration (CBA) and is responsible for all operations of the college. In the CBA Undergraduate Academic Services Office, the Manager oversees admissions to the CBA, recruitment, the advisement process, and degree applications. Students needing assistance should direct inquiries to the CBA Undergraduate Academic Services Office.

Academic Administrative Units

The academic administrative units that report to the Dean's Office are the School of Accountancy and Information Systems, the Division of Business Administration-Gulf Coast, and the Departments of Economics, Finance, and International Business, and Management and Marketing. A list of undergraduate academic offerings appears at the beginning of this section, while detailed information on curricula follows.

Student Procedures

Admission

High School graduates who have been admitted by the University and who wish to major in an area of business administration are concurrently admitted into the College of Business Administration. Transfer students are likewise admitted directly into the College upon admission to the University. Students who wish to transfer from another college within the University must have at least a 2.0 GPA overall as well as in all business courses. Application may be made to the CBA throughout the year, but applications normally will not be processed during the final two weeks of a term. After admission to the College, students will be advised in the Undergraduate Academic Services.

Restrictions

The College of Business Administration imposes the following limitations on transfer credits:

1. Courses offered at the junior or senior level at The University of Southern Mississippi are not normally accepted in transfer from two-year institutions.
2. Not more than one-half of the College of Business Administration core curriculum plus requirements for the major is accepted in transfer.
3. Transfer courses designated as technical training courses, as well as developmental courses such as intermediate algebra, are not accepted as meeting degree requirements.
4. See additional restrictions on transfer credit under a following "Graduation Requirements" section.

In addition, there are the following restrictions for enrolling in courses offered by the College of Business Administration:

1. At least junior standing (54 hours completed) is required of all students enrolling in College of Business Administration courses numbered 300 or above.
2. College of Business Administration majors must have completed the following twenty-three (23) hours with a minimum GPA of 2.00 prior to beginning their junior-level business courses: ACC 200, ECO 201/202, ENG 101/102, MAT 101/102, and MIS 201/202.
3. Students majoring in degree programs outside of the College of Business Administration may not take more than 30 credit hours of Business Administration courses (including transfer credit) without being admitted to the College.
4. Students are not normally allowed to be dually enrolled at USM and another institution. Students must obtain approval from the Manager of CBA Undergraduate Academic Services prior to dual enrollment. The dual enrollment policy includes independent study courses as well.
5. CBA courses offered through independent study are primarily for non degree seeking students. Therefore, CBA majors are generally not allowed to take independent study courses to satisfy degree requirements.
6. For restrictions on using the pass/fail option, refer to the section of this Bulletin on "General Academic Regulations."
7. Students desiring to transfer additional courses for degree requirements after attending USM are encouraged to obtain prior approval of transfer work from the Manager of Undergraduate Academic Services.

Changes of Major

College of Business Administration students who wish to change to another business major can do so by completing a "Change of Major" form in the CBA Undergraduate Academic Services Office. The academic areas involved are notified so that advisement files can be transferred.

Students who desire to transfer to a degree program outside the College of Business Administration must first be accepted by the college offering the program. Applications for admission to the new program are processed in the dean's office of the college which grants the degree. The academic areas involved are notified so that advisement records can be transferred.

Advisement

Students are advised in Undergraduate Academic Services where their advisement records are maintained. Prior to registration, if necessary, an adviser can help arrange a schedule of classes for the upcoming semester. An early advisement and registration period is scheduled near the middle of each semester. Students with a probationary status must see an adviser.

Probation and Suspension

University regulations regarding probation and suspension are listed in this Bulletin under "General Academic Regulations." College of Business Administration students who do not meet University grade point requirements are placed on probation or suspended. Students with a probationary status must see an adviser for academic counseling.

Students who are suspended are not allowed to take classes for at least one fall or spring semester. Anyone who earns college credit elsewhere while on academic suspension from the College of Business Administration may not apply these credits toward graduation requirements in the CBA. After one semester, suspended students may submit an application for reinstatement to the College of Business Administration. The CBA Suspension Committee reviews these applications and academic records to determine whether students are to be readmitted.

Graduation Requirements

To graduate, students must meet all prescribed course requirements shown on their PACE sheets. Information about the procedures for filing an "Application for Degree" are available in the CBA Undergraduate Academic Services Office. Students should be aware of the following degree requirements:

1. A minimum of sixty-four (64) hours of course work must be taken in a senior college.
2. A maximum of six (6) approved hours from study-abroad programs may be used in meeting degree requirements.
3. Special restrictions apply to correspondence and extension credits, to credit by examination, to challenge examinations and special problem courses. Students who are interested in these possibilities must obtain prior approval from the CBA Undergraduate Academic Services Office to assure that credits are applicable toward a College of Business Administration degree.
4. To receive a Bachelor of Science in Business Administration degree from the College of Business Administration, students must complete their last thirty-two (32) hours of course work, including MGT 400 and at least twelve hours in the major at USM. Independent study courses may not be taken during the last 32 hours.
5. Of all required business course work taken, at least 50 percent (34 hours) must be completed at USM.
6. Of all required course work, a minimum of 50 percent must be non-business courses.
7. In addition to meeting all course work requirements, students must have a 2.0 grade point average (1) overall, (2) in the College of Business Administration core, and (3) in the major. Transfer students also must meet the foregoing grade point average requirements for all courses taken at USM and must also have a 2.0 average for all attempted college course work.

Double majors within the College of Business Administration must be carefully planned since students must complete a minimum of 21 hours in each emphasis and emphasis courses may not overlap. Therefore, a student who wishes to pursue a double major must have such a course of study approved by the Manager of CBA Undergraduate Academic Services Office.

CBA majors may elect to pursue a minor in an area outside the College. Prior to completing seventy credit hours, students who wish to pursue such minors must request the approval from the CBA Undergraduate Academic Services Office. CBA minors normally are offered only to students pursuing a degree outside the College of Business Administration. Double minors within the CBA also must be carefully planned since courses in each minor may not overlap.

Students who wish to complete a second baccalaureate degree in the CBA must request a "Change of Major" and have a program of study approved by CBA Undergraduate Academic Services and the department. Students must complete a minimum of 32 hours in order to receive a second baccalaureate degree.

Placement

The University maintains a central Placement Center which assists College of Business Administration students in locating employment following graduation. Students are expected to establish a file with the Placement Center at least two semesters prior to graduation in order to qualify for interviews with prospective employers.

Student Organizations

There are several professional and honorary societies for business students who are interested in sharing common interests or who have achieved high academic standing. These societies include the following organizations: the American Production and Inventory Control Society; Association of Information Technology Professionals; Beta Alpha Psi, national scholastic and professional accounting fraternity; Beta Gamma Sigma, national scholastic honorary society for business students; Collegiate Chapter of the American Marketing Association; Epsilon Chi Omicron; Financial Management Association National Honor Society; Institute of Management Accountants, professional accounting fraternity; Collegiate Chapter of National Association of Business Economists, a professional economics organization; Omicron Delta Epsilon, national honorary society in economics; Phi Chi Theta, national professional business fraternities; Sigma Iota Epsilon, both an honorary and a professional fraternity; and the Society for the Advancement of Management (SAM). A representative from each of these organizations and other appointed students constitute the Business Student Advisory Council, which works with and advises the Dean on many student-related matters.

Financial Assistance

There are several scholarships designated for College of Business Administration students as well as other awards for which business students are eligible. Information concerning business scholarships can be obtained from the CBA Scholarship Committee. Inquiries regarding other forms of financial aid should be directed to the Director of Financial Aid, Box 5101, Hattiesburg, MS 39406-5101.

Graduate Studies

Undergraduate students who are considering applying for admission to graduate business degree programs should consult with Graduate Academic Services. Admission to graduate business programs at USM is based on several factors, including the undergraduate grade point average and the score on the Graduate Management Admission Test (GMAT).

Study Abroad in Business Administration

The College of Business Administration offers its students the opportunity to earn six (6) hours of approved credit toward their degrees while studying abroad. Business study-abroad courses may be substituted for the following requirements (maximum of 6 hours) subject to prior approval: (1) FL 401, (2) ECO 336, (3) ANT 221/GHY 341 or foreign language requirement, (4) up to 3 hours in the student's major, and (5) directed elective. These study-abroad programs are available during the summer semester at relatively low cost to the student.

Curriculum: First- and Second-Year Course Requirements for all College of Business Administration Majors

The business administration curriculum for the first two years consists primarily of non-business courses which provide intellectual breadth and thereby complement the specialized studies that follow in the junior and senior years.

Students should complete the following courses during the first and second years:

Freshman Year

ENG 101 and 102 6
Fine Arts elective* 3
NFS 167 1
HIS 101 and 102 6
PSY 110 3
HPR 105 1
MAT 101 and 102 6
Science Laboratory 8

Sophomore Year

ACC 200	3
ANT 221 or GHY 341 or a Foreign language	3
BA 200	3
ECO 201 and 202	6
ENG 203	3
MIS 201 and 202	2
SOC 101	3
SCM 111 or 320	3
General Electives	4
TOTAL	64

*See the PACE Degree Plans in College of Business Administration section of this Bulletin for available options.

School of Accountancy and Information Systems

W. Robert Smith, Director
Hattiesburg, MS 39406-5178
(601) 266-4641

M.J. Albin, L. Bates, S. Clark, J. Crockett, T. Curley, D. Davis, M. DePree, L. Gore, J. Henderson, C. Hsieh, C. Jordan, J. King, S. Lewis, S. Magruder, G. Pate, P. Polk, R. Posey, K. Sellers, L. Staniszewski, P. Torres

Mission

The School of Accountancy and Information Systems (SAIS) is an academic unit within the College of Business Administration (CBA) at The University of Southern Mississippi and is committed to the mission of the CBA. Within this framework, the SAIS has its own unique mission.

The primary objective of the SAIS is to be a quality provider of undergraduate- and master's-level accounting and information systems education. The SAIS strives to produce technically competent and broadly educated accounting graduates who are marketable. Graduates should be able to think critically and to communicate clearly. In addition, graduates should understand the ethical and global dimensions of their professions, and the necessity for life-long learning. The SAIS is also committed to providing quality accounting and information systems education to other students to complement their chosen curricula. Therefore, as its first priority the SAIS emphasizes excellent teaching in an environment of continuous curriculum development to ensure currency and relevance.

The SAIS also acknowledges its responsibilities to the University, the CBA, the accounting profession, the information systems profession, business and government enterprises, and taxpayers. The SAIS strives to meet these responsibilities by providing appropriate services and by engaging in the scholarly pursuits of research and writing. These activities complement the primary teaching mission.

Accounting

The School of Accountancy and Information Systems offers an undergraduate program in accounting which is designed to prepare students for a variety of entry-level positions in public accounting, industry, and government. The basic program is intended to prepare students for professional careers in which depth and breadth of business and accounting knowledge are required.

As the knowledge required to practice accounting is expanding rapidly, many students are finding it desirable to pursue a fifth year of study leading to a Master of Professional Accountancy (MPA). The Accounting major is integrated with the MPA program. Students who aspire to obtain professional certification should pursue this program. See the Graduate Bulletin for admission and curriculum requirements.

A grade of C or better in all Accounting courses is required for graduation.

Management Information Systems

The School of Accountancy and Information Systems offers a major in Management Information Systems. The degree program is patterned after the Association of Information Technology Professionals (AITP) model for information systems education. Excellent career opportunities exist in management information systems for persons who have good academic records, are energetic and ambitious, and seek challenging work. The Management Information Systems emphasis is primarily oriented toward applications development and systems analysis work in the private and public sectors. Career opportunities also exist in computer training, computer sales, and microcomputer systems design and applications.

The objective of the Financial Information Systems emphasis is to provide students with a knowledge of the information function in an organization. This would include knowledge of standards and practices for acquisition of financial information, as well as the ability to select and implement technology to support this activity. A degree in Financial Information Systems provides those individuals desiring degrees in both information systems and accounting a degree alternative that contains study in both disciplines

PACE Degree Plans

Page

Accounting 128
Financial Information Systems 129
Management Information Systems.....130

Requirements for a Minor in Management Information Systems

For a Non-business student, the Management Information Systems minor consists of the following courses: ACC 200; ECO 201; MIS 201, 202, 300, 309, 310 and either MIS 401 or MIS 406.

For a CBA student, the Management Information Systems minor consists of the following courses: MIS 309, 310, 401, 406, and six hours from the CSS 242 or CSS 333, MIS 315, 320, 408, and 412.

Of all minor requirements, 50 percent must be taken at USM.

Department of Economics, Finance, and International Business

Iskandar S. Hamwi, Chair
Hattiesburg, MS 39406-5072
(601) 266-4648

T. Black, C. Cartee, G. Carter, R. Caveny, R. Christie-David, M. Cockerham, K. Cyree, M. Dickie, W. Goffe, T. Green, E. King, R. T. King, M. Klinedinst, J. Lindley, J. McQuiston, M. Melton, F. Mixon, F. Niroomand, E. Nissan, D. Ruegger, C. Sawyer, F. Whitesell

Economics

The Economics major is designed to prepare students for positions in business, government, or education. The courses comprising the major equip the student for the analysis of many of the economic problems and issues with which middle- and upper-level managers and administrators must deal. The four-year program provides the requisite skills for entry-level positions and the foundation for graduate study in economics or in areas such as law, public administration, and various business disciplines.

A Bachelor of Arts in Economics is also available through the College of Liberal Arts; see Department Chair for details.

Finance

Emphasis areas within the Finance major are offered in Banking and Finance, Insurance, and Real Estate. Each curriculum stresses education in theory, tools of analysis, and problem-solving techniques that are fundamental to firms operating in the Finance, Insurance, and Real Estate

industries. Students choosing the Finance emphasis are prepared for careers with banks and other financial institutions, securities firms, large industrial corporations, as well as government agencies that oversee the financial sector. A grade of C or better is required in certain prerequisite courses before the student can progress to higher level Finance courses.

International Business

The International Business major is designed to prepare students for positions with international business firms operating in the global environment as well as state and federal agencies involved in facilitating the export-import processes. In addition to the international business courses in the major, students are required to participate in one international seminar abroad giving them the opportunity to enhance their sensitivity to foreign culture, language, and international business acumen.

PACE Degree Plans

Page

Economics 131
Banking and Finance 132
Insurance 133
Real Estate 134
International Business 135

Requirements for a Minor in Economics

Non-business students minoring in Economics must complete twenty-one (21) hours as follows: ACC 200; ECO 201, 202; and twelve (12) hours from BA 200 (strongly recommended), BA 301, 303; ECO 305, 330, 336, 340, 345, 436, 440, 450, 470. Of all requirements necessary for a minor, 50 percent must be taken at USM.

Requirements for a Minor in Insurance

Non-business students minoring in Insurance must complete twenty-one (21) hours as follows: ACC 200; ECO 201; REI 325; and twelve (12) hours from BA 200 (strongly recommended); FIN 392; REI 326, 425, 445, or 450. Of all minor requirements, 50 percent must be taken at USM.

Department of Management and Marketing

Alvin Williams, Chair
Hattiesburg, MS 39406-5077
(601) 266-4627

B. Allen, B. Babin, L. Babin, R. Boothe, S. Bushardt, D. Duhon, D. Goebel, D. Hardesty, T. Henthorne, D. Hunt, D. Loyd, C. Ryan, A. Sevier, W. Smith, R. Stewart, T. Suter, S. Topping, M. Vest

Business Administration

The Business Administration major is a broad, nonspecialized major which prepares students to begin careers in a wide range of businesses. It is designed for those students wishing to pursue business careers but who do not wish to specialize in one particular field of business. The variety of upper-level business courses also provides students with the expertise in developing and maintaining a small business of their own.

Management

The programs of study in Management have three objectives: (1) to provide students with concepts, knowledge, and skills required in the effective management of profit-making enterprises, government institutions, and non-profit service organizations; (2) to prepare the student for employment which will lead to positions of managerial responsibility; and (3) to make education in general management available to students pursuing technical, educational, and professional careers.

Students interested in majoring in Management may elect to emphasize in Management or Production/Operations Management. The Management emphasis stresses an overall view of the organization in which the student obtains a thorough knowledge of management concepts and techniques and develops executive skills necessary for effectiveness in the administrative world. The Production/Operations Management emphasis provides instruction in quantitative analysis, material handling, quality standards, and manufacturing resource planning.

Careers in management are available in industry, government, service organizations, and teaching. The students' education and training will, when coupled with additional maturity and experience, serve to further their careers in more responsible management positions such as production or plant manager, labor relations director, or personnel administrator.

Marketing

Marketing is a major concern of all businesses and a growing number of non-profit organizations. The goals of the marketing program are to: (1) prepare students for entry-level positions in marketing; (2) provide the background necessary to advance to higher-level marketing management positions; and (3) develop executive skills that are critical for success in all business occupations. It is necessary, therefore, that the student cultivate the abilities to: (1) think creatively; (2) solve problems; (3) communicate orally and in writing; and (4) understand interpersonal relations.

As quality, total customer satisfaction, and relationship management become the critical success factors in the global economy, marketing majors are positioned to take advantage of these opportunities. Some of the career options presented by these opportunities include advertising, sales, retailing, purchasing, marketing research, public relations, product management, logistics, services marketing and non-profit marketing. Graduates have had particular success in locating jobs in the following industries: pharmaceutical, medical supplies and equipment, consumer products, and professional services. Since more than half of all American workers are employed in marketing-related fields, the marketing major can target numerous career choices in the commercial/industrial, institutional and government sectors. In addition, a marketing degree is excellent preparation for entrepreneurship and small business management.

Pace Degree Plans

Page

Business Administration....136
Management....137
Production/Operations Management....138
Marketing....139

Requirements for a Minor in Business Administration

Non-business students minoring in Business Administration must complete twenty (20) hours as follows: ACC 200; ECO 201; MIS 201 and 202; and twelve (12) hours from BA 200 (strongly recommended); ACC 300; FIN 300; MGT 300; MIS 300; MKT 300. Of all minor requirements, 50 percent must be taken at USM.

Requirements for a Minor in Management

Non-business students minoring in Management must complete eighteen (18) hours as follows: ECO 201; MGT 300; and twelve (12) hours from MGT 364, 454, 455, 465, 468, 472, 475, 480, 495. Of all minor requirements, 50 percent must be taken at USM.

Requirements for a Minor in Marketing

Non-business students minoring in Marketing must complete eighteen (18) hours as follows: ECO 201; MKT 300; and twelve (12) hours from MKT 330, 355, 365, 370, 380, 430, 444, 458, 495. Of all minor requirements, 50 percent must be taken at USM.

ACCOUNTING

PACE Degree Plan (B60)

01. REASONING/COMMUNICATIONS SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 MAT 101
- 04 MAT 102
- 05 SCM 111 OR SCM 320
- 06 BTE 480

02. HUMANITIES AND FINE ARTS (18 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 SELECT 1 COURSE: AA 100, ART 130, MUS 365 OR THE 100
- 04 ENG 203
- 05 PHI 300
- 06 FL 401 OR APPROVED CBA STUDY ABROAD COURSE.

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 PSY 110
- 02 SOC 101
- 03 SELECT 1 COURSE: ANT 221 OR GHY 341 OR Any foreign language other than the student's native language.

04. NATURAL AND APPLIED SCIENCES (8 HRS)
- 01 SELECT 2 LAB SCIENCES APPROVED UNDER THE GENERAL EDUCATION CURRICULUM.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. BUSINESS ADMINISTRATION CORE (42.5 HRS)
- 01 ACC 200
- 02 BA 200
- 03 ECO 201
- 04 ECO 202
- 05 MIS 201
- 06 MIS 202
- 07 ACC 320
- 08 BA 301
- 09 BA 303 AND MGT 304
- 10 ECO 336
- 11 FIN 300
- 12 MGT 300
- 13 MGT 350
- 14 MIS 300
- 15 MKT 300
- 16 MGT 400

07. ACCOUNTING EMPHASIS (21 HRS)
- 01 ACC 325
- 02 ACC 327
- 03 ACC 330
- 04 ACC 401
- 05 ACC 402
- 06 ACC 409
- 07 SELECT ONE COURSE: ACC 407, ACC 412, ACC 498, OR ACC 499

08. OTHER BUSINESS REQUIREMENTS (5.5 HRS)
- 01 BUSINESS SEMINARS: BA 300 AND BA 400
- 02 DIRECTED ELECTIVE: BA 411

09. OPTIONAL NON-CBA MINOR (MINIMUM OF 18 HRS)

10. ELECTIVES (MINIMUM OF 4 HRS)
- 01 Select any courses necessary to fulfill the minimum number of hours needed to graduate. Recommend non-business courses.

A Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

FINANCIAL INFORMATION SYSTEMS

PACE Degree Plan (B82)

01. REASONING/COMMUNICATIONS SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 MAT 101
- 04 MAT 102
- 05 SCM 111 OR SCM 320
- 06 BTE 480

02. HUMANITIES AND FINE ARTS (18 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 SELECT 1 COURSE: AA 100, ART 130, MUS 365 OR THE 100
- 04 ENG 203
- 05 PHI 300
- 06 FL 401 OR APPROVED CBA STUDY ABROAD COURSE.

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 PSY 110
- 02 SOC 101
- 03 SELECT 1 COURSE: ANT 221 OR GHY 341 OR Any foreign language other than the student's native language.

04. NATURAL AND APPLIED SCIENCES (8 HRS)
- 01 SELECT 2 LAB SCIENCES APPROVED UNDER THE GENERAL EDUCATION CURRICULUM.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. BUSINESS ADMINISTRATION CORE (42.5 HRS)
- 01 ACC 200
- 02 BA 200
- 03 ECO 201
- 04 ECO 202
- 05 MIS 201
- 06 MIS 202
- 07 ACC 320
- 08 BA 301
- 09 BA 303 AND MGT 304
- 10 ECO 336
- 11 FIN 300
- 12 MGT 300
- 13 MGT 350
- 14 MIS 300
- 15 MKT 300
- 16 MGT 400

07. FINANCIAL INFO SYS EMPHASIS (21 HRS)
- 01 ACC 325
- 02 ACC 327
- 03 ACC 409
- 04 MIS 309
- 05 MIS 310
- 06 SELECT 2 COURSES: MIS 401, MIS 406, MIS 408 OR MIS 412

08. OTHER BUSINESS REQUIREMENTS (8.5 HRS)
- 01 BUSINESS SEMINARS: BA 300 AND BA 400
- 02 DIRECTED ELECTIVES: FIN 480 AND CSS 242 OR 3-HOUR APPROVED PROGRAMMING COURSE.

09. OPTIONAL NON-CBA MINOR (MINIMUM OF 18 HRS)

10. ELECTIVES (MINIMUM OF 1HR)
- 01 Select any courses necessary to fulfill the minimum number of hours needed to graduate. Recommend non-business courses.

A Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

MANAGEMENT INFORMATION SYSTEMS

PACE Degree Plan (B80)

01. REASONING/COMMUNICATIONS SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 MAT 101
- 04 MAT 102
- 05 SCM 111 OR SCM 320
- 06 BTE 480

02. HUMANITIES AND FINE ARTS (18 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 SELECT 1 COURSE: AA 100, ART 130, MUS 365 OR THE 100
- 04 ENG 203
- 05 PHI 300
- 06 FL 401 OR APPROVED CBA STUDY ABROAD COURSE.

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 PSY 110
- 02 SOC 101
- 03 SELECT 1 COURSE: ANT 221 OR GHY 341 OR Any foreign language other than the student's native language.

04. NATURAL AND APPLIED SCIENCES (8 HRS)
- 01 SELECT 2 LAB SCIENCES APPROVED UNDER THE GENERAL EDUCATION CURRICULUM.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. BUSINESS ADMINISTRATION CORE (42.5 HRS)
- 01 ACC 200
- 02 BA 200
- 03 ECO 201
- 04 ECO 202
- 05 MIS 201
- 06 MIS 202
- 07 ACC 300
- 08 BA 301
- 09 BA 303 AND MGT 304
- 10 ECO 336
- 11 FIN 300
- 12 MGT 300
- 13 MGT 350
- 14 MIS 300
- 15 MKT 300
- 16 MGT 400

07. MANAGEMENT INFO SYS EMPHASIS (21 HRS)
- 01 MIS 309
- 02 MIS 310
- 03 MIS 315
- 04 MIS 320 or MIS 408
- 05 MIS 401
- 06 MIS 406
- 07 MIS 412

08. OTHER BUSINESS REQUIREMENTS (5.5 HRS)
- 01 BUSINESS SEMINARS: BA 300 AND BA 400
- 02 DIRECTED ELECTIVE: CSS 242 OR 3-HOUR APPROVED PROGRAMMING COURSE.

09. OPTIONAL NON-CBA MINOR (MINIMUM OF 18 HRS)

10. ELECTIVES (MINIMUM OF 4 HRS)
- 01 Select any courses necessary to fulfill the minimum number of hours needed to graduate. Recommend non-business courses.

A Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

ECONOMICS

PACE Degree Plan (B00)

01. REASONING/COMMUNICATIONS SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 MAT 101
- 04 MAT 102
- 05 SCM 111 OR SCM 320
- 06 BTE 480

02. HUMANITIES AND FINE ARTS (18 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 SELECT 1 COURSE: AA 100, ART 130, MUS 365 OR THE 100
- 04 ENG 203
- 05 PHI 300
- 06 FL 401 OR APPROVED CBA STUDY ABROAD COURSE.

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 PSY 110
- 02 SOC 101
- 03 SELECT 1 COURSE: ANT 221 OR GHY 341 OR Any foreign language other than the student's native language.

04. NATURAL AND APPLIED SCIENCES (8 HRS)
- 01 SELECT 2 LAB SCIENCES APPROVED UNDER THE GENERAL EDUCATION CURRICULUM.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. BUSINESS ADMINISTRATION CORE (42.5 HRS)
- 01 ACC 200
- 02 BA 200
- 03 ECO 201
- 04 ECO 202
- 05 MIS 201
- 06 MIS 202
- 07 ACC 300
- 08 BA 301
- 09 BA 303 AND MGT 304
- 10 ECO 336
- 11 FIN 300
- 12 MGT 300
- 13 MGT 350
- 14 MIS 300
- 15 MKT 300
- 16 MGT 400

07. ECONOMICS EMPHASIS (21 HRS)
- 01 ECO 305
- 02 ECO 340
- 03 ECO 345
- 04 ECO 436
- 05 ECO 450
- 06 ECO 493
- 07 SELECT 1 COURSE FROM DEPT OF ECO.

08. OTHER BUSINESS REQUIREMENTS (5.5 HRS)
- 01 BUSINESS SEMINARS: BA 300 AND BA 400
- 02 DIRECTED ELECTIVE: MAT 312

09. OPTIONAL NON-CBA MINOR (MINIMUM OF 18 HRS)

10. ELECTIVES (MINIMUM OF 4 HRS)
- 01 Select any courses necessary to fulfill the minimum number of hours needed to graduate. Recommend non-business courses.

A Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

BANKING AND FINANCE

PACE Degree Plan (B31)

01. REASONING/COMMUNICATIONS SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 MAT 101
- 04 MAT 102
- 05 SCM 111 OR SCM 320
- 06 BTE 480

02. HUMANITIES AND FINE ARTS (18 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 SELECT 1 COURSE: AA 100, ART 130, MUS 365 OR THE 100
- 04 ENG 203
- 05 PHI 300
- 06 FL 401 OR APPROVED CBA STUDY ABROAD COURSE.

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 PSY 110
- 02 SOC 101
- 03 SELECT 1 COURSE: ANT 221 OR GHY 341 OR Any foreign language other than the student's native language.

04. NATURAL AND APPLIED SCIENCES (8 HRS)
- 01 SELECT 2 LAB SCIENCES APPROVED UNDER THE GENERAL EDUCATION CURRICULUM.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. BUSINESS ADMINISTRATION CORE (42.5 HRS)
- 01 ACC 200
- 02 BA 200
- 03 ECO 201
- 04 ECO 202
- 05 MIS 201
- 06 MIS 202
- 07 ACC 300
- 08 BA 301
- 09 BA 303 AND MGT 304
- 10 ECO 336
- 11 FIN 300
- 12 MGT 300
- 13 MGT 350
- 14 MIS 300
- 15 MKT 300
- 16 MGT 400

07. BANKING AND FINANCE EMPHASIS (21 HRS)
- 01 ECO 330 OR FIN 310
- 02 FIN 350
- 03 FIN 352
- 04 FIN 480
- 05 FIN 472 OR 498
- 06 REI 432
- 07 SELECT 1 COURSE: FIN 320, FIN 380, FIN 462, REI 325, REI 326 OR REI 434.

08. OTHER BUSINESS REQUIREMENTS (5.5 HRS)
- 01 BUSINESS SEMINARS: BA 300 AND BA 400
- 02 DIRECTED ELECTIVE: MAT 312 OR ACC 330 OR PHI 253 OR MIS 320

09. OPTIONAL NON-CBA MINOR (MINIMUM OF 18 HRS)

10. ELECTIVES (MINIMUM OF 4 HRS)
- 01 Select any courses necessary to fulfill the minimum number of hours needed to graduate. Recommend non-business courses.

A Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

INSURANCE

PACE Degree Plan (B32)

01. REASONING/COMMUNICATIONS SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 MAT 101
- 04 MAT 102
- 05 SCM 111 OR SCM 320
- 06 BTE 480

02. HUMANITIES AND FINE ARTS (18 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 SELECT 1 COURSE: AA 100, ART 130, MUS 365 OR THE 100
- 04 ENG 203
- 05 PHI 300
- 06 FL 401 OR APPROVED CBA STUDY ABROAD COURSE.

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 PSY 110
- 02 SOC 101
- 03 SELECT 1 COURSE: ANT 221 OR GHY 341 OR Any foreign language other than the student's native language.

04. NATURAL AND APPLIED SCIENCES (8 HRS)
- 01 SELECT 2 LAB SCIENCES APPROVED UNDER THE GENERAL EDUCATION CURRICULUM.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. BUSINESS ADMINISTRATION CORE (42.5 HRS)
- 01 ACC 200
- 02 BA 200
- 03 ECO 201
- 04 ECO 202
- 05 MIS 201
- 06 MIS 202
- 07 ACC 300
- 08 BA 301
- 09 BA 303 AND MGT 304
- 10 ECO 336
- 11 FIN 300
- 12 MGT 300
- 13 MGT 350
- 14 MIS 300
- 15 MKT 300
- 16 MGT 400

07. INSURANCE EMPHASIS (21 HRS)
- 01 REI 325
- 02 REI 425
- 03 FIN 380
- 04 SELECT 4 COURSES FROM: REI 326, REI 445, MKT 330, REI 498, OR FIN 320.

08. OTHER BUSINESS REQUIREMENTS (5.5 HRS)
- 01 BUSINESS SEMINARS: BA 300 AND BA 400
- 02 DIRECTED ELECTIVE: MAT 312 OR REI 330 OR FIN 392

09. OPTIONAL NON-CBA MINOR (MINIMUM OF 18 HRS)

10. ELECTIVES (MINIMUM OF 4 HRS)
- 01 Select any courses necessary to fulfill the minimum number of hours needed to graduate. Recommend non-business courses.

A Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

REAL ESTATE

PACE Degree Plan (B33)

01. REASONING/COMMUNICATIONS SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 MAT 101
- 04 MAT 102
- 05 SCM 111 OR SCM 320
- 06 BTE 480

02. HUMANITIES AND FINE ARTS (18 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 SELECT 1 COURSE: AA 100, ART 130, MUS 365 OR THE 100
- 04 ENG 203
- 05 PHI 300
- 06 FL 401 OR APPROVED CBA STUDY ABROAD COURSE.

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 PSY 110
- 02 SOC 101
- 03 SELECT 1 COURSE: ANT 221 OR GHY 341 OR ANY FOREIGN LANGUAGE OTHER THAN THE STUDENT'S NATIVE LANGUAGE.

04. NATURAL AND APPLIED SCIENCES (8 HRS)
- 01 SELECT 2 LAB SCIENCES APPROVED UNDER THE GENERAL EDUCATION CURRICULUM.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. BUSINESS ADMINISTRATION CORE (42.5 HRS)
- 01 ACC 200
- 02 BA 200
- 03 ECO 201
- 04 ECO 202
- 05 MIS 201
- 06 MIS 202
- 07 ACC 300
- 08 BA 301
- 09 BA 303 AND MGT 304
- 10 ECO 336
- 11 FIN 300
- 12 MGT 300
- 13 MGT 350
- 14 MIS 300
- 15 MKT 300
- 16 MGT 400

07. REAL ESTATE EMPHASIS (21 HRS)
- 01 REI 330
- 02 REI 340
- 03 REI 432
- 04 REI 434
- 05 REI 325
- 06 FIN 380
- 07 REI 498 OR MKT 330

08. OTHER BUSINESS REQUIREMENTS (5.5 HRS)
- 01 BUSINESS SEMINARS: BA 300 AND BA 400
- 02 DIRECTED ELECTIVE: MAT 312 OR MGT 364 OR REI 445

09. OPTIONAL NON-CBA MINOR (MINIMUM OF 18 HRS)

10. ELECTIVES (MINIMUM OF 4 HRS)
- 01 Select any courses necessary to fulfill the minimum number of hours needed to graduate. Recommend non-business courses.

A Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

INTERNATIONAL BUSINESS

PACE Degree Plan (B01)

01. REASONING/COMMUNICATIONS SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 MAT 101
- 04 MAT 102
- 05 SCM 111 OR SCM 320
- 06 BTE 480

02. HUMANITIES AND FINE ARTS (18 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 SELECT 1 COURSE: AA 100, ART 130, MUS 365 OR THE 100
- 04 ENG 203
- 05 PHI 300
- 06 FL 401 OR APPROVED CBA STUDY ABROAD COURSE.

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 PSY 110
- 02 SOC 101
- 03 ANY FOREIGN LANGUAGE OTHER THAN THE STUDENT'S NATIVE LANGUAGE.

04. NATURAL AND APPLIED SCIENCES (8 HRS)
- 01 SELECT 2 LAB SCIENCES APPROVED UNDER THE GENERAL EDUCATION CURRICULUM.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. BUSINESS ADMINISTRATION CORE (42.5 HRS)
- 01 ACC 200
- 02 BA 200
- 03 ECO 201
- 04 ECO 202
- 05 MIS 201
- 06 MIS 202
- 07 ACC 300
- 08 BA 301
- 09 BA 303 AND MGT 304
- 10 ECO 336
- 11 FIN 300
- 12 MGT 300
- 13 MGT 350
- 14 MIS 300
- 15 MKT 300
- 16 MGT 400

07. INTERNATIONAL BUSINESS EMPHASIS (21 HRS)
- 01 ECO 340
- 02 ECO 345
- 03 ECO 436
- 04 FIN 472
- 05 IB 472
- 06 ECO 498 OR FIN 498 OR IB 498
- 07 MGT 495 OR MKT 495

08. OTHER BUSINESS REQUIREMENTS (8.5 HRS)
- 01 BUSINESS SEMINARS: BA 300 AND BA 400
- 02 DIRECTED ELECTIVE: SIX HOURS OF ANY FOREIGN LANGUAGE OTHER THAN THE STUDENT'S NATIVE LANGUAGE.

09. OPTIONAL NON-CBA MINOR (MINIMUM OF 18 HRS)

10. ELECTIVES (MINIMUM OF 1 HR)
- 01 Select any courses necessary to fulfill the minimum number of hours needed to graduate. Recommend non-business courses.

A Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

BUSINESS ADMINISTRATION

PACE Degree Plan (B10)

01. REASONING/COMMUNICATIONS SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 MAT 101
- 04 MAT 102
- 05 SCM 111 OR SCM 320
- 06 BTE 480

02. HUMANITIES AND FINE ARTS (18 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 SELECT 1 COURSE: AA 100, ART 130, MUS 365 OR THE 100
- 04 ENG 203
- 05 PHI 300
- 06 FL 401 OR APPROVED CBA STUDY ABROAD COURSE.

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 PSY 110
- 02 SOC 101
- 03 SELECT 1 COURSE: ANT 221 OR GHY 341 OR Any foreign language other than the student's native language.

04. NATURAL AND APPLIED SCIENCES (8 HRS)
- 01 SELECT 2 LAB SCIENCES APPROVED UNDER THE GENERAL EDUCATION CURRICULUM.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. BUSINESS ADMINISTRATION CORE (42.5 HRS)
- 01 ACC 200
- 02 BA 200
- 03 ECO 201
- 04 ECO 202
- 05 MIS 201
- 06 MIS 202
- 07 ACC 300
- 08 BA 301
- 09 BA 303 AND MGT 304
- 10 ECO 336
- 11 FIN 300
- 12 MGT 300
- 13 MGT 350
- 14 MIS 300
- 15 MKT 300
- 16 MGT 400

07. BUSINESS ADMIN EMPHASIS (21 HRS)
- 01 ACC 330
- 02 FIN 380
- 03 MGT 364
- 04 MGT 465
- 05 MKT 444 OR MKT 458
- 06 MIS 309
- 07 REI 325

08. OTHER BUSINESS REQUIREMENTS (2.5 HRS)
- 01 BUSINESS SEMINARS: BA 300 AND BA 400

09. OPTIONAL NON-CBA MINOR (MINIMUM OF 18 HRS)

10. ELECTIVES (MINIMUM OF 7 HRS)
- 01 Select any courses necessary to fulfill the minimum number of hours needed to graduate. Recommend non-business courses.

A Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

MANAGEMENT

PACE Degree Plan (B40)

01. REASONING/COMMUNICATIONS SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 MAT 101
- 04 MAT 102
- 05 SCM 111 OR SCM 320
- 06 BTE 480

02. HUMANITIES AND FINE ARTS (18 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 SELECT 1 COURSE: AA 100, ART 130, MUS 365 OR THE 100
- 04 ENG 203
- 05 PHI 300
- 06 FL 401 OR APPROVED CBA STUDY ABROAD COURSE.

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 PSY 110
- 02 SOC 101
- 03 SELECT 1 COURSE: ANT 221 OR GHY 341 OR Any foreign language other than the student's native language.

04. NATURAL AND APPLIED SCIENCES (8 HRS)
- 01 SELECT 2 LAB SCIENCES APPROVED UNDER THE GENERAL EDUCATION CURRICULUM.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. BUSINESS ADMINISTRATION CORE (42.5 HRS)
- 01 ACC 200
- 02 BA 200
- 03 ECO 201
- 04 ECO 202
- 05 MIS 201
- 06 MIS 202
- 07 ACC 300
- 08 BA 301
- 09 BA 303 AND MGT 304
- 10 ECO 336
- 11 FIN 300
- 12 MGT 300
- 13 MGT 350
- 14 MIS 300
- 15 MKT 300
- 16 MGT 400

07. MANAGEMENT EMPHASIS (21 HRS)
- 01 MGT 364
- 02 MGT 454
- 03 MGT 465
- 04 MGT 495
- 05 MGT 480
- 06 SELECT 2 COURSES: MGT 455, MGT 468, MGT 472, OR MGT 475.

08. OTHER BUSINESS REQUIREMENTS (2.5 HRS)
- 01 BUSINESS SEMINARS: BA 300 AND BA 400

09. OPTIONAL NON-CBA MINOR (MINIMUM OF 18 HRS)

10. ELECTIVES (MINIMUM OF 7 HRS)
- 01 Select any courses necessary to fulfill the minimum number of hours needed to graduate. Recommend non-business courses.

A Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

PRODUCTION/OPERATIONS MANAGEMENT

PACE Degree Plan (B42)

01. REASONING/COMMUNICATIONS SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 MAT 101
- 04 MAT 102
- 05 SCM 111 OR SCM 320
- 06 BTE 480

02. HUMANITIES AND FINE ARTS (18 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 SELECT 1 COURSE: AA 100, ART 130, MUS 365 OR THE 100
- 04 ENG 203
- 05 PHI 300
- 06 FL 401 OR APPROVED CBA STUDY ABROAD COURSE.

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 PSY 110
- 02 SOC 101
- 03 SELECT 1 COURSE: ANT 221 OR GHY 341 OR Any foreign language other than the student's native language.

04. NATURAL AND APPLIED SCIENCES (8 HRS)
- 01 SELECT 2 LAB SCIENCES APPROVED UNDER THE GENERAL EDUCATION CURRICULUM.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. BUSINESS ADMINISTRATION CORE (42.5 HRS)
- 01 ACC 200
- 02 BA 200
- 03 ECO 201
- 04 ECO 202
- 05 MIS 201
- 06 MIS 202
- 07 ACC 300
- 08 BA 301
- 09 BA 303 AND MGT 304
- 10 ECO 336
- 11 FIN 300
- 12 MGT 300
- 13 MGT 350
- 14 MIS 300
- 15 MKT 300
- 16 MGT 400

07. PROD/OPER MANAGEMENT EMPHASIS (21 HRS)
- 01 MGT 454
- 02 MGT 465
- 03 MGT 472
- 04 MGT 482
- 05 MGT 495
- 06 MIS 310
- 07 MKT 370

08. OTHER BUSINESS REQUIREMENTS (5.5 HRS)
- 01 BUSINESS SEMINARS: BA 300 AND BA 400
- 02 DIRECTED ELECTIVE: MAT 312

09. OPTIONAL NON-CBA MINOR (MINIMUM OF 18 HRS)

10. ELECTIVES (MINIMUM OF 4 HRS)
- 01 Select any courses necessary to fulfill the minimum number of hours needed to graduate. Recommend non-business courses.

A Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

MARKETING
PACE Degree Plan (B50)

01. REASONING/COMMUNICATIONS SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 MAT 101
- 04 MAT 102
- 05 SCM 111 OR SCM 320
- 06 BTE 480

02. HUMANITIES AND FINE ARTS (18 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 SELECT 1 COURSE: AA 100, ART 130, MUS 365 OR THE 100
- 04 ENG 203
- 05 PHI 300
- 06 FL 401 OR APPROVED CBA STUDY ABROAD COURSE.

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 PSY 110
- 02 SOC 101
- 03 SELECT 1 COURSE: ANT 221 OR GHY 341 OR Any foreign language other than the student's native language.

04. NATURAL AND APPLIED SCIENCES (8 HRS)
- 01 SELECT 2 LAB SCIENCES APPROVED UNDER THE GENERAL EDUCATION CURRICULUM.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. BUSINESS ADMINISTRATION CORE (42.5 HRS)
- 01 ACC 200
- 02 BA 200
- 03 ECO 201
- 04 ECO 202
- 05 MIS 201
- 06 MIS 202
- 07 ACC 300
- 08 BA 301
- 09 BA 303 AND MGT 304
- 10 ECO 336
- 11 FIN 300
- 12 MGT 300
- 13 MGT 350
- 14 MIS 300
- 15 MKT 300
- 16 MGT 400

07. MARKETING EMPHASIS (21 HRS)
- 01 MKT 322
- 02 MKT 365
- 03 MKT 424
- 04 MKT 428
- 05 MKT 330 OR MKT 355 OR MKT 370
- 06 MKT 380 OR MKT 444 OR MKT 495
- 07 MKT 430 OR MKT 458

08. OTHER BUSINESS REQUIREMENTS (5.5 HRS)
- 01 BUSINESS SEMINARS: BA 300 AND BA 400
- 02 DIRECTED ELECTIVE: ENG 332 OR ENG 333 OR MAT 312 OR PHI 253

09. OPTIONAL NON-CBA MINOR (MINIMUM OF 18 HRS)

10. ELECTIVES (MINIMUM OF 4 HRS)
- 01 Select any courses necessary to fulfill the minimum number of hours needed to graduate. Recommend non-business courses.

A Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

College of Education and Psychology

Academic Offerings

2000-2001

Teacher education programs as presented in this Bulletin are subject to change contingent on formal university approval. Please consult your academic adviser for program changes.

Department	Major	Degree**
TECHNOLOGY EDUCATION		
	BUSINESS TECHNOLOGY EDUCATION	BS
	TECHNICAL AND OCCUPATIONAL EDUCATION	BS
	OFFICE ADMINISTRATION	BS
CURRICULUM & INSTRUCTION* **		
	ELEMENTARY EDUCATION	BS
PSYCHOLOGY		
	PSYCHOLOGY*	BA,BS
	SOCIAL AND REHABILITATION SERVICES*	BS
SPECIAL EDUCATION		
	SPECIAL EDUCATION	BS

* Minor Available

** Degree Abbreviations: (BA) Bachelor of Arts, (BS) Bachelor of Science

*** Secondary Education is offered through the college and department of the teaching field.

College of Education and Psychology

Carl R. Martray, Dean
M. Janine Scott, Acting Assistant Dean
Hattiesburg, MS 39406-5023
(601) 266-4568

The University of Southern Mississippi, through its College of Education and Psychology, holds membership in the American Association of Colleges for Teacher Education, the Teacher Education Council of State Colleges and Universities, and the Southern Regional Consortium of Colleges of Education. All undergraduate programs in teacher education are fully accredited by the National Council for Accreditation of Teacher Education (NCATE). For details of graduate teacher education programs, consult the Graduate Bulletin. For degrees offered by each department, please see the previous page.

Mission

The mission of the College of Education and Psychology is to provide quality programs for three major areas: psychology, professional education, and instructional technology. The College develops individuals who possess critical thinking and problem solving abilities; theoretical, practical, and technical competence; effective communication skills; an appreciation for diversity; a sensitivity to standards of ethical conduct; and a commitment to life long learning. The College fulfills its mission through programs characterized by excellence in instruction and supervised practice, research training, scholarly productivity, leadership, professional service, and collaborative activities.

Admission Requirements

Admission to the College of Education and Psychology does not constitute admission to a teacher education program nor to a non-teaching major program. Program planning and proper advisement must be completed to gain admission to both Teacher Education Programs and Non-Teaching Programs. Regular status in the College of Education and Psychology is maintained by meeting the quality point requirements for hours completed as designated by the general University requirement and evaluated by the Office of Admissions and Records.

General Core, College of Education and Psychology

The core of the College of Education and Psychology builds on the University core. For degree programs leading to teacher licensure, the following courses must be completed to meet both the University core and state licensure requirements:

Biological Science with laboratory	4 hrs.
ENG 101 and 102	6 hrs.
ENG 203	3 hrs.
*English Elective	3 hrs.
Fine Arts Elective	3 hrs.
*NFS 167	1 hr.
HIS 101 and 102	6 hrs.
MAT 101	3 hrs.
Mathematics or Science Elective	3 hrs.
*HPR 105	1 hr.
PSY 110, 110L	3 hrs.
Physical Science with laboratory	4 hrs.

SCM 111, 305, or 330 ..... 3 hrs.

**Social Science Electives ..... 3 hrs.

Social Science Electives ..... 6 hrs.

(Social Science requirement must be met with no more than 3 hours from any one area: anthropology, economics, geography, political science, sociology)

* Does not count toward teacher education admissions grade point average.

** May be counted toward Science deficiency attributed to 3 hour science labs for admissions grade computation only.

Teacher Education Programs and Requirements

Students desiring admission to the professional education program must have (a) an ACT composite score of 21 or higher, with no scale score below 18, or SAT 860 (verbal and quantitative) **upon entrance into college**; or (b) acceptable scores on the Praxis I subscales: Reading (170), Writing (172), and Mathematics (169), or Praxis I Computer Based Test (CBT): Reading (316), Writing (318), and Mathematics (314). Of equal importance is the satisfaction of a 2.65* grade point average on the specified 44 hour general core.

***NOTE:** Special education majors and students who select "special subject licensure" (grades K-12) must demonstrate a 2.50 grade point average on the 44-hour core.

All applicants desiring to pursue a teacher education program must request formal admission to the Teacher Education Program through the Dean's Office, College of Education and Psychology.

All teacher candidates must complete all graduation requirements set forth in the general University regulations as well as: (1) complete freshman English Comp with an average grade of C; (2) all program requirements outlined in the official PACE evaluation; (3) earn a grade of C or higher in all professional education courses included in the respective teaching programs; and (4) earn a grade of C or higher in all courses required for the licensure program.

All teacher candidates must complete the professional education curriculum. This professional education curriculum is to be completed in the following sequence early in their professional programs of study:

Professional Education Curriculum

PSY 374 (May be taken prior to admission into professional program)

REF 400 ..... 3 hrs.

REF 469 (not required for Elementary Education majors) ..... 3 hrs.

SPE 400 ..... 3 hrs.

Area Methods Course ..... 3 hrs.

A General Methods Course; CIE 343 for elementary, CIS 313 for secondary, or a General Methods Course offered in K-12 programs ..... 3 hrs.

Internship

Practicum: a minimum of 30 hours of field experience is required prior to student teaching, 15 hours of which is observation and 15 hours of practicum. Specific programs may require more practicum hours.

Student Teaching ..... 14 hrs. (two experiences of 7 hours each)

Multiple assessments will be conducted during the student teaching experience.

Teacher Licensure

Students preparing to teach must choose a teaching area from one of the following: Elementary Education (K-8), Secondary Education (7-12), or Special Areas (K-12).

All students who desire to become teachers, regardless of teaching major, must apply for admission to the Teacher Education Program in the College of Education and Psychology and be screened according to the preceding admission standards.

The student should note that state teacher licensure requirements supersede the program requirements listed in this Bulletin. Mandated changes in program requirements will be communicated through the student's academic adviser.

To prepare for a career in secondary education (grades 7-12), a student must matriculate in the college and department of the teaching major and also successfully complete the Education Curriculum courses for secondary licensure.

Additionally, Praxis II: Principles of Learning and Teaching and Subject Assessments/Specialty Area tests must be taken by all who seek a teaching license. It is the students' responsibility to have the results forwarded to the Mississippi State Department of Education.

Special School Services
Office of Educational Field Experiences

Donna J.Garvey, Director
Janice Thompson, Assistant Director
Hattiesburg, MS 39406-5028
(601) 266-4571

The Office of Educational Field Experiences (OEFE) has been directed by the Professional Education Council of The University of Southern Mississippi to act as the central clearinghouse for the pre-student teaching and student teaching placements. Although specific requirements vary from course to course, pre-student teaching candidates are required to complete a minimum of 15 clock hours of observation and 15 clock hours of practicum prior to student teaching.

The student teaching semester serves as the capstone semester of the Unit's practitioner-scientist framework. This semester provides all teacher education students the opportunity to apply best professional practices in two separate student teaching experiences in K-12 schools.

All field experiences are completed in off-campus host schools designated by the OEFE director. Guidance and evaluation are provided by cooperating school personnel and supervisory faculty members of USM.

Requirements for Student Teaching

Student teaching packets must be submitted to the Office of Educational Field Experiences at the beginning of the semester prior to the student teaching semester. These packets must be in the Student Teaching Office no later than September 30, and February 28 for spring and fall semesters, respectively.

ALL STUDENTS MUST REGISTER FOR STUDENT TEACHING THROUGH USM.

All student teachers:

1. Must have completed all major requirements. Any exceptions to this policy must be approved by the major department.
2. Must have at least a 2.50 degree program GPA at the time that the student teaching semester begins.
3. Must have been admitted to the teacher education program, and completed the teacher education curriculum.
4. Must expect to spend a full semester in off-campus schools designated by the Director of Educational Field Experiences.

STUDENT TEACHING SEMESTER: Registration for the Student Teaching semester is restricted to 14 semester hours of student teaching.

Mathematics Education Services Center

The Director
Hattiesburg, MS 39406
(601) 266-4547

The Mathematics Education Services Center operated by the Department of Curriculum and Instruction offers a program of diagnostic assessment and follow-up prescriptive teaching for elementary-age children throughout the academic year.

The cost of these services per semester are as follows:

1. $45.00 - Diagnostic Assessment
2. $145.00 - Prescriptive Teaching

Center for Literacy and Assessment

Dana G. Thames, Director
Hattiesburg, MS 39406
(601) 266-5247

The primary responsibility of the Center for Literacy and Assessment is the promotion of effective teacher education for elementary and secondary students in methods, techniques, and materials in literacy development. The focus of the program is at the undergraduate, master's and advanced graduate levels emphasizing theory, practice, evaluation, and research. The Center offers limited services in the diagnosis of reading problems. The cost of the diagnostic evaluation which includes a suggested program of remedial procedures is $150.00, or a proportional part, based on ability to pay. Limited remedial instruction, provided by graduate or undergraduate students on a limited basis, is $75.00 per semester.

An up-to-date collection of materials used for elementary, secondary, or adult reading instruction and a library of children's books are open for examination.

University students and adults may obtain testing, counseling, and special instruction in the reading areas of comprehension, vocabulary development, and study skills improvement through the Center's "Improvement of Study" course.

An annual reading conference is held in the spring or summer. Nationally known reading authorities are featured on the conference program.

Gunn Education Materials Center

Eleanor Robin, Curriculum Librarian
(601) 266-4561

Gunn Materials Center contains the principle collection of books and other printed materials, audiovisuals, and computer software which directly support the teacher education programs. A computer lab is located here with both Macintosh and IBM compatible computers. Textbooks on the state adoption list are available as well as a collection of children's literature trade books. The Center is open to all currently enrolled students as well as to teachers in the surrounding area.

Hours: Monday - Thursday 8:00 a.m. - 5:30 p.m., Friday 8:00 a.m. - 4:00 p.m.

Applied Gerontology Educational Services

W. Lee Pierce, Coordinator
Hattiesburg, MS 39406-5154
(601) 266-4621

The University of Southern Mississippi's Office of Applied Gerontology Education Services exists to coordinate the following University functions in the field of gerontology:

1. Graduate education for professionals.
2. Staff development programs for professionals and paraprofessionals.
3. Consultation and community services.
4. Research.
5. Sensitization of the general public to the status and future of the elderly in the community.

Education Service Center

Johnny R. Purvis, Director
Hattiesburg, MS 39406-5068
(601)266-4559

The Education Services Center (ESC) serves as a cooperative planning and development unit through which the University and the schools can be more effective in serving the educational needs of their constituents. Through the Center's activities, the resources of the University and local school districts are utilized to identify and coordinate efforts to solve educational problems and to promote general improvement in the quality of education in the state. The Center serves as a field services division for the College of Education and Psychology and strives to promote cooperative interaction between the University and the school districts, stimulate the exchange of ideas and successful educational practices, promote cooperative research, disseminate ideas and information, conduct and sponsor workshops and seminars, and arrange for consultative services to the schools. The Center is the umbrella organization for the Southern Education Consortium (SEC).

The Center for Gifted Studies

Frances A. Karnes, Director
(601) 266-5236

Numerous instructional, research and service programs are conducted on a continuing basis in the Center for Gifted Studies in response to its primary purpose of advancing the field of gifted education. The instructional activities include the Saturday Gifted Studies Program and the following residential programs: Summer Gifted Studies Program, the Summer Program for Academically Talented Youth that is offered in collaboration with Duke University, and the Leadership Studies Program. The Center also conducts Leadership Competitions for youth each year. Other instructional and service activities provided by the Center include the Parenting Gifted Children Conference and two staff development conferences for teachers of the gifted. Teacher education is offered for those seeking licensure in gifted education. Advanced degree programs with an emphasis area in gifted education are provided at the master's, specialist, and doctoral levels. Research conducted by Center personnel is reported regularly in journals, monographs and other scholarly publications.

Clinics
Psychology Department

The Department of Psychology operates three training clinics which are associated with APA-accredited doctoral training programs. Each offers treatment, diagnostic, and consulting services to University faculty, staff and students, and to members of the community-at large. Inquiries about specific services and/or fees should be directed to the respective clinic (see below). Clinics operate on the University calendar and normally are open only when classes are in session. Services are provided by graduate students under the direct supervision of program faculty. Fees may vary slightly but are based on a sliding scale determined by income level and family size. Written inquires for any clinic may be directed to Department of Psychology, Box 5025, Hattiesburg, MS 39406-5025.

Psychology Clinic (Clinical Psychology)

Gary Jones, Director
(601) 266-4588/4604

Services include individual therapy, family and marital therapy, and psychological assessment (e.g., intelligence, general personality, and neuropsychological). Clients include children and families, adolescents, and adults. Clinic hours are 8:00 a.m. until 5:00 p.m.; the facility is also open one evening a week.

Gutsch Clinic (Counseling Psychology)

William J. Lyddon, Director
(601) 266-4601/4602

Services include individual and group counseling therapy, marriage and family therapy, vocational and career counseling, and consultation on a range of concerns that could be described as "problems of living." Clients include children and families, adolescents, and adults. Types of assessment include intelligence, ability, personality, behavioral, and interest or vocational. Clinic hours are 8:00 a.m. until 5:00 p.m. daily.

School Psychology Service Center

D. Joe Olmi, Director
(601) 266-5255/4604

Services include family and school behavior assessment and intervention design for children, adolescents, and young adults who are having learning problems or school related behavioral and emotional problems. Specialized assessment and treatment services are available for concerns related to learning, attention deficit disorders, home behavior, and school behavior. Consultation services are also provided to area schools. Center hours are from 2:00 p.m. to 6:00 p.m. Monday through Thursday; and 8:00 a.m. to 11:00 a.m. Friday. Appointments outside these hours may be arranged.

Department of Technology Education

Edward C. Mann, Chair
Hattiesburg, MS 39406-5036
(601) 266-4446

Lanmon, McDonald, Shoemaker, Yuen

The Department of Technology Education offers a curriculum leading to the Bachelor of Science degree with majors available in three areas of study; Business Technology Education, Technical and Occupational Education, and Office Administration (non-teaching). Through these diversified degree programs, the Department serves a dual role: providing salable skills to students who desire a career in business or industry and providing the professional education courses for teachers of business and industrial subjects.

In addition to the undergraduate programs, the Department offers graduate emphases in both Business Technology Education and Technical and Occupational Education and a Master of Science in Instructional Technology. For a description of these master's level programs, please consult the Graduate Bulletin.

Requirements for a Major in Business Technology Education

Michael L. McDonald, Adviser
Hattiesburg, MS 39406-5036
(601) 266-4446

A major in Business Technology Education prepares the student to teach in secondary and/or postsecondary education programs that equip individuals with knowledge, skills, attitudes, and work habits essential for initial employment in the technological environment of today's business world and/or success in the college environment. Graduates of this program are licensed to teach in such programs as Business Education, Business and Computer Technology, Computer Applications, and Cooperative Education.

Students desiring entry into secondary teacher education programs must attain the minimum scores set by the Mississippi State Department of Education on the ACT (Composite 21 with no subscore below 18), SAT (860, verbal plus quantitative), Praxis I subscales: Reading (170), Writing (172), and Mathematics (169), or Praxis I Computer Based Test (CBT): Reading (316), Writing (318), and Mathematics (314).

Pace Degree Plan

Page

Business Technology Education 153

Requirements for a Major in Technical and Occupational Education

Marvin L. Lanmon, Adviser
Hattiesburg, MS 39406-5036
(601) 266-4446

The major in Technical and Occupational Education was designed for students who possess a previously acquired trade or technical specialty and wish to: (1) prepare for a teaching career in vocational-technical education, and/or (2) build an appropriate academic foundation that will increase their opportunities for professional development and advancement within the field of vocational-technical education. A minimum of two years' work experience at or above the journeyman level in a trade or technical area is required for state licensure.

Further, this major is an excellent choice for individuals interested in pursuing a career with industry - especially in the area of training and development.

Pace Degree Plan

Page

Technical and Occupational Education 154

Requirements for a Major in Office Administration
(Non-Teaching Degree)

Michael L. McDonald, Adviser
Hattiesburg, MS 39406-5036
(601) 266-4446

A major in Office Administration prepares students for a variety of business positions such as office manager, administrative assistant, administrative support specialist, secretary, and word processing specialist. Office Administration equips students for entry-level employment and advancement by providing opportunities to develop skills, knowledge, attitudes, and understandings needed in the automated office.

Pace Degree Plan

Page

Office Administration 155

Department of Curriculum and Instruction

Dana G. Thames, Chair
Hattiesburg, MS 39406-5057
(601) 266-5247

M. Martin, Coordinator, Undergraduate Education, G. Appelt-Slick, G. Beal, A. Belton, S. Bowles, J.C. Davis, M.B. Evans, R. Falconer, M. Hardy, E. Luce, S. Martin, N. Masztal, B. Moore, R. Mottley, J. Palmer, Carolyn Reeves-Kazelskis, J. Richards, M. Richmond, Coordinator, Graduate Education, J. Scott, M. Sulentic, M. Whiting

Serving as the coordinating agency within the University for the training and preparation of elementary and secondary teachers, the Department of Curriculum and Instruction provides undergraduate course work for both preservice and inservice teachers. A description of the undergraduate programs in elementary education follows. For secondary education, consult the college and department of the teaching major. Please consult the Graduate Bulletin for description of programs leading to master's, specialist's, and doctoral degrees.

Elementary Education
(K-8)

Students pursuing an undergraduate degree with a major in Elementary Education will attain an elementary teacher's license (kindergarten through grade eight). Areas of concentration (emphasis) for the Elementary Major are:

English Language (18 hrs.)
Foreign Language (18 hrs.)
Mathematics (18 hrs.)
Reading (19 hrs.)
Science (18 hrs.)
Social Studies (21 hrs.)

For specifics concerning these concentrations, the student should consult an elementary education adviser.

Admission to Elementary Teacher Education Program

Students desiring to major in Elementary Education must meet the following requirements before being admitted to the program.

1. Attain at least a C average for the required 6 hours of English composition.
2. Complete the College of Education and Psychology's General Education Requirements (44 hours of specified courses).
3. Attain a minimum grade point average of 2.65 (on a 4.0 scale) based on the 44 hours of general education identified on page 142. File application for formal admission to the Teacher Education Program.
4. Attain the minimum scores set by the Mississippi State Department of Education on the ACT (Composite 21 with no subscore below 18), SAT (860, verbal plus quantitative), Praxis I subscales: Reading (170), Writing (172), and Mathematics (169), or Praxis I Computer Based Test (CBT): Reading (316), Writing (318), and Mathematics (314).
5. Meet with the assigned adviser and complete a program plan.

For a more detailed explanation of the above requirements, the students should see their assigned adviser or the Coordinator of Undergraduate Elementary Education.

Pace Degree Plan

Page
Elementary Education 156

Pace Degree Plan
Elementary Education Concentrations

Page
English Language 157
Social Studies 157
Foreign Language 157
Mathematics 157
Reading 157
Science 157

Secondary Teacher Education Programs
(Grades 7-12)

Students seeking an undergraduate degree with licensure to teach at the secondary school level (Grades 7-12) must consult advisers in the college and department of the selected teaching field. Academic majors which provide for licensure in the various teaching fields, grades 7-12 are:

Biology
Business Technology Education
Chemistry
English
Foreign Language
General Science
History
Home Economics
Mathematics
Physics
Speech Communications

Requirements for Supplemental Endorsements

Mississippi's standards for teacher licensure provide for supplemental endorsements to be added to standard teaching licenses. These endorsement areas require less extensive training than that required for standard teaching licenses. Supplemental endorsement areas achieved through a prescribed program include computer applications, computer education, English as a second language, driver education, health education, gifted education, occupational home economics, remedial reading, mild/moderate handicapped K-8, and mild/moderate handicapped 7-12.

Students pursuing undergraduate degrees with secondary teacher licensure are encouraged to take the additional courses necessary to qualify for endorsements in one or more of these areas.

Special Subject Area Teacher Education Programs (K-12)

Students pursuing undergraduate degrees with special subject area teacher licensure (Grades K-12) must complete the prescribed general education requirements of the appropriate school and/or college, and the education curriculum.

General Education Requirements

All students seeking undergraduate special area teacher licensure must complete the general education requirements of the College of Education and Psychology. A student receiving an undergraduate degree from a school or college other than the College of Education and Psychology must also satisfy the general education requirements of that school or college and the teacher education curriculum.

Students may not enroll for any of the Professional Teacher Education Curriculum courses until they have met all requirements for and have been admitted to the Teacher Education Program through the College of Education and Psychology Dean's office.

Requirements for a Major in a Special Subject Area

Majors (to include associated emphasis area) offered by the various colleges and schools of the University which provide for licensure in the various special subject area teaching fields are:

Art Education
Computer Education
Dance Education
Education of the Deaf
Health Education
Library Science
Music Education
Physical Education
Special Education

For specific course and related requirements for a major associated with a special subject area of teacher licensure, the student should refer to the appropriate section of this Bulletin under the department offering the major.

Requirements for Non-Teaching Degrees

The College of Education and Psychology offers non-teaching major programs in the departments of Psychology and Technology Education. Both the majors in the Department of Psychology (psychology and social rehabilitation services) are non-teaching. In the Department of Technology Education, office administration is also a non-teaching major, leading to the Bachelor of Science degree. Students in psychology may take programs leading to the Bachelor of Arts degree.

Bachelor of Arts (Non-Teaching)

The requirements for the Bachelor of Arts non-teaching degree are the same as those for the Bachelor of Science non-teaching degree with one exception. Students in the Bachelor of Arts program must complete six (6) to nine (9) hours in a foreign language. Those students who have completed two years of the same language in high school and make satisfactory placement test scores may meet the language requirement by completing six (6) semester hours in the same language at the 200 level or above.

Department of Educational Leadership and Research

Ric Keaster, Chair
Hattiesburg, MS 39406-5027
(601) 266-4579

C. Davidson, L. Elias, S. Gupton, R. Henson, P. Joachim, R. Kazelskis, J. Klotz, J. Lewis, A. Lucas, T. Manly, J. Marshak, W. Maulding, W. Pierce, J. Purvis, J. Rachal, J. Schnur, M. Smith, A. Southerland, P. Thorpe, J. Williams

The Educational Administration and Supervision component of the Department of Educational Leadership and Research offers programs for the preparation of administrators for the public schools and colleges and for teachers of educational administration. These preparation programs are offered only at the graduate level and lead to the master's degree, the specialist's degree, and the doctoral degree. For a description of these programs, consult the Graduate Bulletin.

The Research and Foundations components of the Department of Educational Leadership and Research provide supportive courses for teacher education. At the undergraduate level, these services include Educational Foundations and at the graduate level, Educational Foundations and Research.

The Adult Education component of the Department of Educational Leadership and Research offers graduate programs for persons who work with adult learners in a wide variety of settings. Programs are provided which lead to the master's, specialist's, and doctoral degrees. For descriptions of these programs, please consult the Graduate Bulletin.

Some courses are offered at the undergraduate level to support degree programs in other departments and as staff training for agencies that employ persons at the baccalaureate level or below to work with adult learners.

Department of Psychology

Stan Kuczaj, Chair
Hattiesburg, MS 39406-5025
(601) 266-4177

Alford, Allen, Anderson, Arbaugh, Berman, Buelow, Campbell, Dahlen, Dickson, Edwards, Faulkender, Fortunato, Goggin, Greer, Hailey, Harsh, Herman, Holaday, Hollandsworth, Holloway, Jones, Kahan, Koeppel, Kuczaj, Kudisch, Leach, Lyddon, Martray, McCoy, Noblin, Olmi, Paul, Rabian, Randolph, Range, Sterling-Turner, Tingstrom, Wagner, Wesley, Wilczynski

The Department of Psychology offers both graduate (MA, MS, PhD) and undergraduate programs (BA or BS). At the master's level, the department offers work leading to the Master of Education degree in Counseling and Personnel Service and the Master of Science degree in Counseling Psychology. The Master of Education program in Counseling and Personnel Services meets Mississippi State Department of Education requirements for AA licensure as a school counselor.

At the doctoral level, there are five emphasis areas: clinical, counseling, general-experimental, industrial/organizational, and school psychology. The doctoral programs in clinical, counseling, and school psychology are fully accredited by the American Psychological Association. The program in school psychology is also accredited by the National Association of School Psychologists. (For descriptions of graduate programs, see the Graduate Bulletin).

At the undergraduate level, the Department of Psychology offers degrees in Psychology (BS or BA) and in Social and Rehabilitation Services (BS).

The undergraduate degree in Psychology prepares students for entry level jobs in many areas of the discipline of psychology, or for advanced degrees in other professions. Students preparing for graduate or professional school in other disciplines should consult the appropriate adviser to ensure that the program of study is congruent with the graduate or professional school to which they plan to apply. Students majoring in Psychology must complete a minimum of thirty-three (33) semester hours of coursework in the Department of Psychology. To receive the Bachelor of Arts degree, a student must also complete nine (9) hours of a foreign language.

Pace Degree Plan

Page

Psychology 158

The undergraduate degree in Social and Rehabilitation Services is designed for the student who anticipates entry-level employment within a range of agency and institutional settings including mental health, rehabilitation, youth services, vocational services, and drug/alcohol prevention programs. This major is also appropriate for the student preparing for graduate study in rehabilitation, counseling, and related fields. The student majoring in Social and Rehabilitation Services must complete thirty-one (31) specified semester hours in psychology and fifteen (15) hours in other psychology elective courses.

All USM and transfer students who desire to declare Social and Rehabilitation Services as their major must have an overall G.P.A. of at least 2.50, including a minimum 2.50 GPA on all courses taken at USM.

Pace Degree Plan

Page

Social and Rehabilitation Services 159

Psychology Minor

Students pursuing a minor in psychology must complete PSY 110 and 15 hours of additional courses (300 level and above), with the exception of PSY 301, 462, 463, 492, 493, and 498.

Social and Rehabilitation Services Minor

Students pursuing a minor in social and rehabilitation services must complete PSY 210, 312 and 423. In addition, it is recommended that the nine remaining course hours be selected from the following courses: PSY 313, 330, 331, 432, or 435.

Department of Special Education

April D. Miller, Chair
Hattiesburg, MS 39406-5115
(601) 266-5237

Alber, Callahan, Jackson, Karnes, Nelson, Siders, Walker, Whorton

The University of Southern Mississippi prepares individuals to teach in several areas of exceptionality. The degree will lead toward Mild-Moderate licensure in the State of Mississippi. All majors are encouraged to seek advice about their program from faculty advisers who must approve the 30 hours of elective courses.

Students desiring entry into teacher education programs must successfully complete the admissions requirements according to guidelines established by the Board of Trustees of State Institutions of Higher Learning.

Students wishing to major in Special Education should follow the program referenced below.

Pace Degree Plan

Page

Special Education 160

BUSINESS TECHNOLOGY EDUCATION

PACE Degree Plan (EN0)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 MAT 101
- 04 SCM 111 OR SCM 305 OR SCM 330

02. HUMANITIES AND FINE ARTS (15 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 SELECT 3 HOURS FROM COURSES AA 100, ART 130, DAN 107, MUS 365, THE 100
- 05 ENG 301 OR ENG 332

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 PSY 110, PSY 110L
- 02 ECO 201
- 03 PS 101
- 04 SOC 101 OR GHY 102 OR ANT 101

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 SELECT 1 LAB SCIENCE APPROVED UNDER THE GENERAL EDUCATION CURRICULUM
- 02 SELECT 1 LAB SCIENCE APPROVED UNDER THE GENERAL EDUCATION CURRICULUM
- 03 SCIENCE OR MATH ELECTIVE: 3-4 HOURS FROM THE GENERAL EDUCATION CURRICULUM

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. BUSINESS ADMINISTRATION MINIMUM GRADE OF C (15 HRS)
- 01 CSS 400
- 02 ACC 200
- 03 BA 200
- 04 MGT 300
- 05 MKT 300

07. BUSINESS EDUCATION MINIMUM GRADE OF C (36 HRS)
- 01 BTE 102
- 02 BTE 200
- 03 BTE 310
- 04 BTE 452 OR TOE 452
- 05 BTE 453
- 06 BTE 461 OR BTE 467 OR TOE 467
- 07 BTE 463
- 08 BTE 465
- 09 BTE 469 OR TOE 469
- 10 BTE 480
- 11 BTE 485
- 12 PSY 374

08. EDUCATION REQUIREMENTS FOR EDUC & PSY. MINIMUM GRADE OF C. (29 HRS)
- 01 PREREQUISITE: ADMISSION TO TEACHER EDUC., REF 469, REF 400, SPE 400, CIS 313 AND BTE 456
- 02 BTE 493 (14 HRS)

Minimum of 132 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

TECHNICAL AND OCCUPATIONAL EDUCATION

PACE Degree Plan (EQ0)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 MAT 101
- 04 SCM 111

02. HUMANITIES AND FINE ARTS (15 HRS)
- 01 AA 100 OR ART 130 OR MUS 365
- 02 HIS 101
- 03 HIS 102
- 04 ENG 203
- 05 ENG 333

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 PSY 110, PSY 110L
- 02 ECO 201
- 03 PS 101
- 04 SOC 101 OR GHY 102 OR ANT 101

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 SELECT 1 LAB SCIENCE APPROVED UNDER THE GENERAL EDUCATION CURRICULUM
- 02 SELECT 1 LAB SCIENCE APPROVED UNDER THE GENERAL EDUCATION CURRICULUM
- 03 SCIENCE OR MATH ELECTIVE: 3-4 HOURS FROM THE GENERAL EDUCATION CURRICULUM

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. MAJOR AREA OF STUDY MINIMUM USM GPA IS 2.0. (39 HRS)
- 01 TOE 441
- 02 TOE 442
- 03 TOE 443
- 04 TOE 444
- 05 TOE 445
- 06 TOE 446
- 07 TOE 447
- 08 TOE 448
- 09 TOE 452
- 10 PSY 374
- 11 SELECT 9 HRS FROM COURSE TOE 495. SUBSTITUTION OF THREE APPROVED COURSES WITH ADVISER'S APPROVAL.

07. TECHNICAL OR TRADE SKILL CREDIT (24 HRS)
- 01 SELECT 24 HOURS FROM ANY DEPT. 24 HOURS OF APPROPRIATE SKILL/TECHNICAL TRANSFER CREDIT TOWARDS THE BS DEGREE. TRANSFER CREDIT MUST BE DOCUMENTED BY AN OFFICIAL TRANSCRIPT FROM AN ACCREDITED POST-SECONDARY INS. EX. CC OF THE AIR FORCE, CC VOCATIONAL- TECHNICAL PROGRAMS, AND/OR SENIOR COLLEGE PROGRAMS.

08. ELECTIVES (13 HRS)
- 01 SELECT 13 HOURS FROM ANY DEPT. ELECTIVES SHOULD BE TAKEN AT THE SENIOR COLLEGE LEVEL (300 OR ABOVE).

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

OFFICE ADMINISTRATION

PACE Degree Plan (EP0)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 MAT 101
- 04 SCM 111 OR SCM 305 OR SCM 330

02. HUMANITIES AND FINE ARTS (15 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 SELECT 3 HOURS FROM COURSES AA 100, ART 130, DAN 107, MUS 365, THE 100
- 05 ENG 300 OR ENG 301 OR ENG 332

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 PSY 110, PSY 110L
- 02 ECO 201
- 03 PS 101
- 04 SOC 101 OR GHY 102 OR ANT 101

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 SELECT 1 LAB SCIENCE APPROVED UNDER THE GENERAL EDUCATION CURRICULUM
- 02 SELECT 1 LAB SCIENCE APPROVED UNDER THE GENERAL EDUCATION CURRICULUM
- 03 SCIENCE OR MATH ELECTIVE: 3-4 HOURS FROM THE GENERAL EDUCATION CURRICULUM

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. MAJOR AREA OF STUDY MINIMUM USM GPA IS 2.0. (57 HRS)
- 01 ACC 200
- 02 BA 200
- 03 BTE 102
- 04 BTE 200
- 05 BTE 201
- 06 BTE 202
- 07 BTE 310
- 08 BTE 461
- 09 BTE 463
- 10 BTE 465
- 11 BTE 467
- 12 BTE 480
- 13 BTE 485
- 14 MGT 300
- 15 MGT 364
- 16 MGT 454
- 17 MIS 201
- 18 MIS 202
- 19 MIS 203
- 20 MIS 300
- 21 MKT 300

07. ELECTIVES (19 HRS)
- 01 SELECT 19 HRS. OF ELECTIVES WITH ADVISER'S APPROVAL.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

ELEMENTARY EDUCATION

PACE Degree Plan (See Concentrations for Codes)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101
  A (C) AVERAGE IN ENG 101/ENG 102 IS REQUIRED
- 02 ENG 102
- 03 MAT 101 MINIMUM GRADE IS C
- 04 SCM 111 OR SCM 305 OR SCM 330

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 SELECT 3 HOURS FROM COURSES AA 100, ART 130, DAN 107, MUS 365, THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 PSY 110, PSY 110L
- 02 SELECT 1 COURSE FROM 2 GROUPS BELOW FOR A TOTAL OF 6 HRS.
  Group 1: ANT 101, ANT 221
  Group 2: ECO 201, ECO 202
  Group 3: PS 101, PS 220, PS 331, PS 425
  Group 4: SOC 101, SOC 240, SOC 314

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 SELECT 1 LAB SCIENCE APPROVED UNDER THE GENERAL EDUCATION CURRICULUM
- 02 SELECT 1 LAB SCIENCE APPROVED UNDER THE GENERAL EDUCATION CURRICULUM
- 03 SCIENCE OR MATH ELECTIVE: 3-4 HOURS FROM THE GENERAL EDUCATION CURRICULUM

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. MAJOR REQUIREMENTS MINIMUM GRADE IS C (35-36 HRS)
- 01 ART 309 OR MUS 361 OR HPR 320
- 02 CD 350/CD 350L OR CIE 403
- 03 PSY 370
- 04 ENG 301
- 05 GHY 101
- 06 LIS 417 OR CIR 317
- 07 MAT 210 PREREQUISITE IS MAT 101
- 08 MAT 309 PREREQUISITE IS MAT 210
- 09 MAT 310 PREREQUISITE IS MAT 210
- 10 CIE 410
- 11 PSY 374
- 12 TOE 465

07. GOLD CARD IS REQUIRED– MINIMUM GRADE IS C (49 HRS)
- 01 REF 400
- 02 SPE 400
- 03 CIR 309
- 04 SCE 432
- 05 CIE 306
  CIE 343
  CIR 407 PREREQUISITE IS CIR 309
  CIE 450
- 06 CIE 301 PREREQUISITES ARE MAT 101, 210, 309, 310
  CIE 305
  CIR 412/CIR 412L
  CIE 451
  SCE 432
- 07 CIE 480 STUDENT TEACHING 7 HRS
- 08 CIE 482 STUDENT TEACHING 7 HRS

10. CONCENTRATION MINIMUM GRADE IS C. (18 - 21 HRS)
REFER TO NEXT PAGE FOR CONCENTRATIONS–COMPLETION OF A SECOND CONCENTRATION REQUIRES 3-12 ADDITIONAL HOURS.

Minimum of 133 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

ELEMENTARY EDUCATION CONCENTRATIONS*

PACE Degree Plan

Select Two Concentrations

01. ENGLISH LANGUAGE (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 ENG 203
- 04 ENG 301
- 05 LIS 417
- 06 SCM 111, 305, OR 330

02. SOCIAL STUDIES (21 HRS) (E41L)
- 01 HIS 101
- 02 HIS 102
- 03 HIS 201
- 04 HIS 370
- 05 ECO 201
- 06 GHY 101
- 07 PS 101

03. FOREIGN LANGUAGE (18 HRS) (E41E)
- 01 SELECT 18 HOURS FROM COURSES IN ANY ONE FOREIGN LANGUAGE.

04. MATHEMATICS (18 HRS) (E41I)
- 01 MAT 101
- 02 MAT 210
- 03 MAT 309
- 04 MAT 310
- 05 SELECT 6 HOURS FROM MAT OR 3 HOURS FROM MAT AND 3 HOURS FROM CSC

05. READING (19 HRS) (E41H)
- 01 CIE 306
- 02 CIR 309
- 03 CIR 407
- 04 CIR 412
- 05 CIR 317 OR LIS 417
- 06 CIR 310

06. SCIENCE (18 HRS) (E41K)
- 01 FS 131/L
- 02 FS 133/L
- 03 FS 135/L
- 04 SCE 432
- 05 SELECT 3 HOURS FROM GLY, AST, BSC, CSC 100, ESC 301, GHY 323 OR GHY 325

*Courses used for Concentrations must have a "C" or higher grade.

PSYCHOLOGY (*BA, BS)

PACE Degree Plan (EH0)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 MAT 101
- 04 SCM 111 OR SCM 305 OR SCM 330

02. HUMANITIES AND FINE ARTS (15 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 SELECT 3 HOURS FROM COURSES AA 100, ART 130, DAN 107, MUS 365, THE 100
- 05 SELECT 1 COURSE, COURSE LEVEL 200 OR 300 OR 400 FROM DEPT OF ENG.
- * (06 CANDIDATES FOR THE BA MUST SELECT AT LEAST 9 HOURS OF ANY ONE FOREIGN LANGUAGE. FOREIGN LANGUAGE IS NOT REQUIRED OF STUDENTS PURSUING THE BS).

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 PSY 110, PSY 110L.
- 02 SELECT 1 COURSE FROM EACH OF 3 GROUPS BELOW FOR A TOTAL OF 9 HRS.
  - Group 1: ANT 101, ANT 212
  - Group 2: ECO 201, ECO 202
  - Group 3: GHY 101, GHY 102, GHY 331, GHY 341
  - Group 4: PS 101, PS 220, PS 331, PS 425
  - Group 5: SOC 101, SOC 240, SOC 314
  - Group 6: CHS 101

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 SELECT 1 LAB SCIENCE APPROVED UNDER THE GENERAL EDUCATION CURRICULUM
- 02 SELECT 1 LAB SCIENCE APPROVED UNDER THE GENERAL EDUCATION CURRICULUM
- 03 SCIENCE OR MATH ELECTIVE: 3-4 HOURS FROM THE GENERAL EDUCATION CURRICULUM

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. PSYCHOLOGY REQUIREMENTS MINIMUM USM GPA IS 2.0. (33 HRS)
- 01 PSY 360
- 02 PSY 361
- 03 PSY 375
- 04 PSY 418
- 05 PSY 422
- 06 PSY 426
- 07 PSY 436
- 08 PSY 450
- 09 PSY 455
- 10 SELECT 6 ELECTIVE HRS FROM DEPT. OF PSY EXCEPT PSY 492.

07. ELECTIVES (43- 51 HRS)
- 01 SELECT 43-51 HOURS FROM ANY DEPT. REMINDER: SELECT SUFFICIENT ELECTIVE HRS SO THAT YOUR TOTAL NO. OF DEGREE PROGRAM HRS IS 128 OR MORE WITH AT LEAST 45 OF THE 128 HRS BEING 300 OR 400 LEVEL COURSES

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

SOCIAL AND REHABILITATION SERVICES

PACE Degree Plan (ES0)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 MAT 101
- 04 SCM 111 OR SCM 305 OR SCM 330

02. HUMANITIES AND FINE ARTS (15 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 SELECT 3 HOURS FROM COURSES AA 100, ART 130, DAN 107, MUS 365, THE 100
- 05 SELECT 1 COURSE, COURSE LEVEL 200 OR 300 OR 400 FROM DEPT OF ENG.

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 PSY 110, PSY 110L
- 02 SELECT 1 COURSE FROM EACH OF 3 GROUPS BELOW FOR A TOTAL OF 9 HRS.
  - Group 1: ANT 101, ANT 212
  - Group 2: ECO 201, ECO 202
  - Group 3: GHY 101, GHY 102, GHY 331, GHY 341
  - Group 4: PS 101, PS 220, PS 331, PS 425
  - Group 5: SOC 101, SOC 240, SOC 314
  - Group 6: CHS 101

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 SELECT 1 LAB SCIENCE APPROVED UNDER THE GENERAL EDUCATION CURRICULUM
- 02 SELECT 1 LAB SCIENCE APPROVED UNDER THE GENERAL EDUCATION CURRICULUM
- 03 SCIENCE OR MATH ELECTIVE: 3-4 HOURS FROM THE GENERAL EDUCATION CURRICULUM

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. MAJOR AREA OF STUDY MINIMUM GRADE IS C (52 HRS)
- 01 PSY 210
- 02 PSY 251
- 03 PSY 301
- 04 PSY 312
- 05 PSY 313
- 06 PSY 330
- 07 PSY 360
- 08 PSY 370 OR PSY 372
- 09 PSY 411
- 10 PSY 413
- 11 PSY 423
- 12 PSY 436
- 13 SELECT 6 HOURS FROM COURSES PSY 331, PSY 432, PSY 435, PSY 492, PSY 497
- 14 PSY 462 FIELD PRACTICUM
- 15 PSY 463 FIELD PRACTICUM
- 16 CSC 100
- 17 ENG 301 OR ENG 332 OR ENG 333

07. ELECTIVES (24-46 HRS)
- 01 SELECT 24-46 HRS FROM ANY DEPT. REMINDER: 45 OF YOUR TOTAL 128 DEGREE PROGRAM HRS. MUST BE 300-400 LEVEL COURSES.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

SPECIAL EDUCATION

PACE Degree Plan (EL4)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 MAT 101
- 04 SCM 111 OR SCM 305 OR SCM 330

02. HUMANITIES AND FINE ARTS (15 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 SELECT 3 HOURS FROM COURSES AA 100, ART 130, DAN 107, MUS 365, THE 100
- 05 SELECT 3 HOURS COURSE LEVEL 200, 300 OR 400 FROM DEPT OF ENG EXCEPT ENG 300

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 PSY 110, PSY 110L
- 02 SELECT 1 COURSE FROM EACH OF 3 GROUPS BELOW FOR A TOTAL OF 9 HRS.
  - Group 1: ANT 101, ANT 221
  - Group 2: ECO 201, ECO 202
  - Group 3: GHY 101, GHY 102, GHY 331, GHY 341
  - Group 4: PS 101, PS 220, PS 331, PS 425
  - Group 5: SOC 101, SOC 240, SOC 314

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 SELECT 1 LAB SCIENCE APPROVED UNDER THE GENERAL EDUCATION CURRICULUM
- 02 SELECT 1 LAB SCIENCE APPROVED UNDER THE GENERAL EDUCATION CURRICULUM
- 03 SCIENCE OR MATH ELECTIVE: 3-4 HOURS FROM THE GENERAL EDUCATION CURRICULUM

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. MILD/MODERATE CERTIFICATION MINIMUM GRADE REQUIREMENT IS C. (47 HRS)
- 01 PSY 374
- 02 SPE 430
- 03 SPE 440
- 04 REF 400
- 05 REF 469
- 06 SPE 400
- 07 SPE 402
- 08 PREREQUISITE: ADMISSION TO TEACH EDUC. SPE 331, SPE 431, SPE 342, SPE 442, SPE 351, SPE 451
- 09 REGISTER FOR 2 SECTIONS OF SPE 481

07. ADVISER APPROVED COURSES (30 HRS)

MINIMUM GRADE REQUIREMENT IS C
- 01 APPROVED ELECTIVE
- 02 APPROVED ELECTIVE
- 03 APPROVED ELECTIVE
- 04 APPROVED ELECTIVE
- 05 APPROVED ELECTIVE
- 06 APPROVED ELECTIVE
- 07 APPROVED ELECTIVE
- 08 APPROVED ELECTIVE
- 09 APPROVED ELECTIVE
- 10 APPROVED ELECTIVE

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

College of Health and Human Sciences

Academic Offerings

2000-2001

School/Department	Major/Emphasis	Degree**
SCHOOL OF FAMILY AND CONSUMER SCIENCES		
	CHILD AND FAMILY STUDIES*	BS
	FASHION MERCHANDISING AND APPAREL STUDIES*	BS
	FAMILY AND CONSUMER SCIENCES EDUCATION	BS
	INTERIOR DESIGN	BS
	NUTRITION AND DIETETICS*	BS
SCHOOL OF HUMAN PERFORMANCE AND RECREATION		
	COACHING AND SPORTS ADMINISTRATION*	BS
	HUMAN PERFORMANCE	BS
	Physical Education Emphasis*	
	Sports Medicine Emphasis	
	RECREATION*	BS
	Recreation Administration Emphasis	
	Therapeutic Recreation Emphasis	
SCHOOL OF SOCIAL WORK		
	SOCIAL WORK	BSW
CENTER FOR COMMUNITY HEALTH		
	COMMUNITY HEALTH SCIENCES*	BS
DEPARTMENT OF HOSPITALITY MANAGEMENT		
	HOSPITALITY MANAGEMENT*	BS

* Minor Available

** Degree Abbreviations: (BS) Bachelor of Science, (BSW) Bachelor of Social Work

College of Health and Human Sciences

L. Jane Boudreaux, Interim Dean
Agnes W. Hinton, Acting Assistant Dean
Hattiesburg, MS 39406-0075
(601) 266-5253

The mission of the College of Health and Human Sciences is to improve the health and well being of individuals, families, and communities. The College focuses on seeking solutions to societal problems. This mission is accomplished through teaching, service and research.

Academic programs support the improvement of quality of life as individuals move across the life span. All programs benefit the community and provide opportunities for student exposure to the real world through field experiences, practica, and internships.

Organization and Administration

Dean's Office

The Dean is the chief administrative officer of the College of Health and Human Sciences and is responsible for its operation. In the Dean's Office, the Assistant Dean coordinates scheduling, the college catalog, adjunct faculty coordination and undergraduate and graduate academic concerns.

Administrative Units

The administrative offices that report to the Dean's Office include the Mississippi Tourism Resources Center, the Applied Research Division of the National Food Service Management Institute,the Mississippi Delta Nutrition Intervention Research Initiative, Fiscal and Physical Facilities, Student Services, and five academic units.

The academic programs of the College of Health and Human Sciences are housed in the School of Family and Consumer Sciences, the School of Human Performance and Recreation, the School of Social Work, the Center for Community Health, and the Department of Hospitality Management.

These academic units offer undergraduate and graduate academic programs designed to meet the challenges of the College's mission statement. Each academic unit is responsible for maintaining its associated student files for academic advisement of its majors. Since curricular requirements vary for each major, students desiring degrees from the College of Health and Human Sciences should follow the courses outlined under each unit. Detailed information on individual curricula of the five units follows. Please note that a number of programs within the College must meet criteria of accrediting agencies, and thus may have additional application procedures and/or admission requirements above those of the University. Most programs within the College require students to have valid professional liability insurance purchased through fees assessed each semester by the University. Please consult the directors of the individual units to obtain specific information.

The Mississippi Tourism Resources Center was created to enhance the University's efforts to assist the region in development of tourism and to identify and create interdisciplinary projects across this area. The Applied Research Division of the National Food Service Management Institute, which operates under contract with the University of Mississippi and U.S.D.A., conducts research to improve quality and operation of child nutrition programs, cost-effective systems of delivering nutritious meals to America's students, and development of effective school food service management practices. The Delta Nutrition Intervention Research Initiative is a partnership funded through USDA, with universities and institutions in Mississippi, Louisiana, and Arkansas. The purpose is to evaluate nutritional health in the lower Delta to identify nutritionally responsive problems, and to design and evaluate interventions so successful strategies may be implemented on a larger scale.

Teacher Licensure

A student in the College of Health and Human Sciences seeking standard teacher licensure in Mississippi must satisfy the core requirements of not only the College of Health and Human Sciences but also the College of Education and Psychology. Students should refer to degree

programs within the College of Health and Human Sciences which are approved by the State Department of Education for teacher licensure in a specific teaching field. Specialized courses within each program are included in the degree plans, with additional course requirements in the Professional Teacher Education Core. Please see admission requirements for Teacher Education.

School of Family and Consumer Sciences

Anita M. Stamper, Director
Anne Stanberry, Assistant Director
Hattiesburg, MS 39406-5035
(601) 266-4679

Adams, Azria, Bertolino, Billon, Blackwell, Boudreaux, Broome, Brotherton, Chain, Combs, Conklin, Easterling, Forsythe, Malone, Manning, Meyer, Mueller, Nettles, Parker, Santell, Saul, Sharp, Sims, Stamper, A. Stanberry, P. Stanberry, Traylor, Webb, Yadrick

The School of Family and Consumer Sciences offers five undergraduate majors which prepare students to assume professional responsibilities in a variety of career fields. Programs in the School offer excellent opportunities for obtaining a broad general education while developing the skills and abilities necessary for functioning competently in a selected professional area. The undergraduate programs and professional fields they serve share a common focus on improving the quality of life for individuals and families whether through intermediary roles or through direct service in one of the helping professions.

All programs include an internship or field experience component to provide students with opportunities to apply knowledge through direct interaction with consumers and clients. Numerous businesses and professional facilities in Hattiesburg and surrounding regions cooperate with the School in providing pre-professional experiences.

The Center for Child Development provides interactive experiences for students majoring in Child and Family Studies through access to a full-day child-care program. The program provides developmentally appropriate learning activities for children ages infant to five years with a hands-on curriculum of learning through play. The program predominately serves children of USM students, staff, and faculty. For parents who qualify, some federal and state funds are available to help offset tuition costs. The Center for Child Development is accredited by The National Association for the Education of Young Children.

The Sarah W. Gibbs Costume Collection is maintained by the School, with space in the McCain Library Archives. Research and exhibitions based in part on items in the Gibbs Collection have twice won national awards from the American Association of State and Local History.

The undergraduate programs in the School are accredited by the Council for Accreditation of the American Association of Family and Consumer Sciences. The Coordinated Program in Dietetics is accredited by the American Dietetic Association Commission on Accreditation/Approval for Dietetics Education, which also currently approves the Didactic Program in Dietetics. The Interior Design program is fully accredited by the Foundation for Interior Design Education Research (FIDER) and endorsed by the National Kitchen and Bath Association (NKBA).

Offerings for Non-Majors

A number of courses offered within the School do not have prerequisites and are excellent choices for electives. CD 150 (Child and Family in the Community); FMA 121 (Fashion Fundamentals), 131 (Basic Apparel Construction), and 330 (Textiles I); FAM 101 (Introduction to Professional Studies), 150 (Social and Professional Development), 151 (Personal Development and Interpersonal Relationships), 351 (Marital and Family Relationships), 442 (Personal and Family Financial Management), 443 (Family Resource Management); NFS 362 (Nutrition), NFS 272 and 272L (Principles of Food Preparation), ID 140 (Interior Design I), 325 (History of Interior Furnishings and Decorative Arts), and ID 497 (British Housing and Interiors) are excellent elective courses for students having an interest in the academic areas represented. Minors are also available in a number of areas within the School.

Child and Family Studies

Undergraduate students with a major in Child and Family Studies select major courses and electives to prepare to work with children and their families in educational, institutional, and human services settings.

In addition to the general education core, course work in Child and Family Studies has a family systems perspective and focuses on developmental observations. A broad knowledge of the child and family is acquired through courses in nutrition, family dynamics, communications, psychology, developmental disabilities, computer science, and contemporary issues affecting the quality of life. Students take courses in infant and child development, creative activities, behavior and guidance of children, parenthood, and supervised work through practicum or internship experiences. Laboratory and field experiences, as well as academic work, are integral to students' preparation.

The Center for Child Development, accredited by the National Academy for the Education of Young Children, offers all students opportunities to observe and participate in directed experiences with infants, toddlers, and preschoolers. Students with an emphasis in Child Development do supervised teaching at the Center for one semester. Students interested in careers as Child Life Specialists are offered a variety of opportunities to work wit children and families in healthcare environments. Through volunteer experiences and structured, clinical practicum, students are prepared to seek a 500 hour clinical internship in hospitals with Child Life programs. Students with an emphasis in Family Relations gain valuable knowledge through field experiences in human services or community agencies.

Child Development graduates work as teachers and administrators of child care and preschool programs, or child development specialists who plan and implement developmentally appropriate activities with children in other settings. Students who choose the Child Life career option work with children and families in health care settings. Family Relations majors work in human service organizations such as child abuse prevention agencies, parent and family resource centers, Departments of Human Services, CASA, family development centers, and agencies on aging. Graduates are also prepared to work with the Extension service. The thorough knowledge gained in child and family studies prepares students to make a positive difference in the lives of children and families in our communities.

Graduates who complete the course requirements for a Child and Family Studies degree are eligible for provisional membership in the National Council on Family Relations' Certified Family Life Education Program. Child Life graduates are eligible to apply for certification by the National Child Life Council.

Students work closely with an academic adviser in selecting an emphasis and elective courses best suited to their interests and career goals. Students must earn a grade of "C" or better in all courses required for the major area of study, specialization area, and any courses substituted for major and specialization area courses in order to graduate.

Further, Child Life Specialization students must:

1. meet GPA criteria before enrolling in CD 456;
2. have a GPA of 3.0 in the major area of study (section 06 of the PACE degree plan.);
3. have a GPA of 3.5 in the specialization area (section 07 of the PACE degree plan).

Pace Degree Plan

Page
Child and Family Studies 178

Requirements for a Minor in Child and Family Studies

All students pursuing a minor in Child and Family Studies must complete nine (9) semester hours in the following courses: CD 350 and CD 3350L; FAM 351 and FAM 452. An additional nine semester hours may be selected from the following electives: CD 352, CD 352L, CD 451, CD 451L, CD 452, CD 452L, CD 453, CD 453L; FAM 442, FAM 450, FAM 453.

Fashion Merchandising and Apparel Studies

The curriculum in Fashion Merchandising and Apparel Studies provides students who have a strong interest in apparel, fashion, and textiles the opportunity to prepare for diverse careers in the fashion industry. Course requirements in the major field cover product information and characteristics, organization and operation of the fashion and textile industries, and the social, psychological and aesthetic components of dress. Required courses in business add depth to the student's academic background and variety to graduates' career options. As circumstances and interests warrant, students enjoy optional study programs such as trips to fashion market centers in Dallas, New York, London, and Paris. A marketing minor is required for fashion merchandising students. The apparel studies student may opt for a business, art, or theater minor depending on career direction. Students work closely with their advisers in structuring the degree plan to provide the best preparation for the desired career field or for graduate study. After graduation, merchandising majors often enter formal training programs with large retail stores and then move into positions as assistant buyers, assistant managers, bridal or fashion consultants, personal shoppers, executive trainees, visual merchandisers, etc. Apparel studies graduates find positions as assistant designers, assistant pattern makers, fabric specialists, production manager assistants, sample makers, custom design workers, costume museum curators or restorationists, theatrical costumers, etc.

Merchandising students complete an internship during their senior year. This supervised experience provides valuable pre-professional work experience and often develops into the graduate's first career position. Apparel studies students may also elect to complete an internship that parallels their career interest or take extra hours in their area of specialization. Internships may take place locally or in any geographical location that provides necessary experiences. Students are responsible for securing the internship position and obtaining approval for the site.

A thorough understanding of and interest in product information facilitates the exchange of information between the consumers and the producers of apparel, fashion, and textile products. Program graduates working in the fashion and textile industry are, therefore, in a unique position to influence positively the match of product characteristics and availability with consumer needs and expectations.

Pace Degree Plan

Page

Fashion Merchandising and Apparel Studies.....179

Requirements for a Minor in Fashion Merchandising and Apparel Studies

All students pursuing a minor in Fashion Merchandising and Apparel Studies must complete eighteen (18) hours in Fashion Merchandising and Apparel Studies courses. The following courses are suggested for completing a minor in Fashion Merchandising and Apparel Studies: FMA 222, 330, 331, 332, 334, 335, 337, 421, 435, 436, and 437. In some instances prerequisites can be waived if expertise can be demonstrated by the student; therefore, individual students are encouraged to seek the approval of the adviser within the department of study in selection of the eighteen (18) hours.

Family and Consumer Sciences

This program provides students with a broad background in family and consumer sciences areas and includes a course of study for those students interested in becoming licensed to teach in the state of Mississippi. Program graduates not interested in becoming licensed are prepared over the broad subject matter coverage and may seek employment upon graduation by the Cooperative Extension Services or with private or governmental agencies which provide consumer services to individuals and families. These students have a number of electives which can be used to tailor the degree program toward their specific interests, whether communications, business/marketing, or other areas.

Purpose of the Family and Consumer Sciences Teacher Education Program: The purpose of this program is to produce informed practitioners with the knowledge, skills, and attitudes necessary to successfully teach in diverse settings. Specifically, students are exposed to a broad knowledge base pertaining to content, pedagogical methodology, and professional growth and development. The general, professional, and specialty courses prepare students to experience immediate success in the classroom as well as pursue ongoing specialization in advanced degree work. Specific program objectives for the emerging practitioner include the demonstrated ability to:

1. successfully teach state-mandated curriculum.
2. evaluate and integrate new information into their knowledge base.
3. achieve expertise in innovative and traditional methods of teaching.
4. effectively utilize technology in the educational setting.
5. develop skills in critical thinking and problem solving.
6. refine classroom management skills at the junior high and senior high levels.
7. enhance communication and interpersonal skills.
8. develop an appreciation of cultural diversity.

Practitioner-to-Scientist Conceptual Framework: The Family and Consumer Sciences Teacher Education program is designed to prepare an informed practitioner with extensive content knowledge, pedagogical skill, and specialty content knowledge. The program is designed using the Practitioner-to-Scientist framework which includes a general education core, the professional education core, and specialty studies in Family and Consumer Sciences. The general education core provides the foundation of a solid liberal arts education, which includes basic knowledge and skills in reasoning and communication, humanities and fine arts, social and behavioral sciences, natural and applied sciences, and human wellness. The second knowledge base involves twenty-one hours of course work emphasizing the heritage and methodology of teaching. In addition, students complete sixteen hours of course work involving professional development in the areas of technology, family systems, and family life education. The third knowledge base involves specialty studies in which students expand the breadth of their knowledge and skill in areas unique to Family and Consumer Sciences. Required course work is closely related to the structure of the Family and Consumer Sciences curriculum developed by the Mississippi State Department of Education. The final knowledge base involves the fourteen hours of student teaching in which students apply and integrate the knowledge, skills, and attitudes gained through course work in the general, professional, and specialty areas of the degree program.

National Standards: Curriculum planning and evaluation are driven by the **National Standards for Family and Consumer Sciences** prepared by the National Association of State Administrators of Family and Consumer Sciences (NASAFACS) in association with the Vocational-Technical Education Consortium of States Southern Association of Colleges and Schools. In addition, the Family and Consumer Sciences Teacher Education Program has been heavily influenced by changes in society and the Family and Consumer Sciences curriculum developed by the Mississippi State Department of Education, and recommendations from our accrediting agency, the American Association of Family and Consumer Sciences. The integrative nature of the knowledge base of Family and Consumer Sciences and its impact on quality of life undergirds the philosophy expressed through curriculum choices.

Teaching Strategies and Technology Use: Students are exposed to a variety of teaching styles, activities, strategies, and technology. The following constitutes a representative list of strategies and the use of technology.

1. Use of e-mail in classroom assignments
2. Information searches using the World Wide Web and other electronic data bases
3. Literature search of primary and secondary sources using on-line and CD ROM searching
4. Lecture/discussion enhanced with video recorded materials
5. Classroom observations
6. Critiques of published and peer generated materials
7. Oral presentations
8. Teaching simulation and practicum
9. Research

Graduates may also be employed by the Cooperative Extension Service and by private or governmental agencies concerned with providing consumer services to individuals and families. Students may select Business courses to increase their employment opportunities in consumer affairs, marketing and product development, food or fashion journalism, communications, and consulting.

Pace Degree Plan

Page

Family and Consumer Sciences Education 180

Interior Design

This program prepares students to identify, research, and solve problems related to the needs of people in residential, institutional, and commercial environments in order to enhance quality of life and protect public health, safety, and welfare. The degree is accredited as a first professional degree level program by the Foundation for Interior Design Education Research (FIDER). Requirements are in accordance with the published standards and guidelines of FIDER and endorsed by the National Kitchen and Bath Association (NKBA).

The program's interdisciplinary approach addresses the demands and standards of qualification of the profession and related fields. The core of program requirements includes sequential studio courses covering the analysis, planning, and design of human environments. Supplemental courses include instruction in presentation, HVAC systems, lighting, plumbing, acoustics, codes, special need, historic and contemporary furnishings/design, aesthetics, and professional procedures. A four credit hours/one-semester internship in a professional setting with faculty supervision is required. Students are offered the opportunity to earn six hours of credit while studying abroad through the British Studies program.

Professional designers, architects, manufacturers, and allied representatives serve the program in an advisory capacity as members of advisory boards, guest lecturers, part-time faculty, critics, and supervisors of interns. Further contact with professionals is supported through the student chapter of the American Society of Interior Designers (ASID) and student membership in the International Interior Design Association (IIDA). All faculty have had professional experience and/or are currently professional members of professional organizations.

Career opportunities exist in the following areas: residential and contract interior design/space planning firms; architectural and engineering firms; facilities planning, independently or within the structure of corporations, institutions or government agencies; antique dealerships; furniture and textile manufacturers and distributors; furniture showrooms for the trade and retail; and interior design education.

Progression in the Interior Design Program

All students entering the Interior Design Program directly from high school and all students transferring to the Program are subject to the admission procedures and standards of the University. Admission to The University of Southern Mississippi as an interior design major does not insure progression to the upper division studio courses. Criteria for progression to the upper division 300/400 level studio courses include a letter of application, specified GPA requirements, completion of specified courses, portfolio review, and recommendation by faculty.

Students having completed and/or currently enrolled in the following prerequisite courses may apply to the Interior Design Program for progression to the upper division studio courses. Application forms and instructions may be obtained from the student's adviser or the Interior Design Program Coordinator. The deadline for completion of the forms is the semester prior to enrollment in ID 320. Dates will be posted in the studio and announced in the lower division studio courses. Course enrollment is limited, as required for FIDER Accreditation.

Progression Criteria

Course Requirements: Prerequisite Courses: The following courses must be completed prior to entry in 300/400 level studio courses: *(additional prerequisites may apply for individual 300/400 level courses)*

University Core
6 hrs. ENG 101 and 102
3 hrs. MAT 101 or higher level
6 hrs. HIS 101 and 102
3 hrs. SCM 111

The following courses must be completed with a grade of "C" or higher prior to entry in 300/400 level studio courses:

Interior Design
3 hrs. ID 140
3 hrs. ID 238
3 hrs. ID 240
Architectural Engineering Technology
3 hrs. ACT 132/L or ENT 100/L
3 hrs. ENT 120
Art
3 hrs. ART 101
6 hrs. ART 111 and 112
3 hrs. ART 113, 102 or other ART studio

Portfolio Review: Applicants will submit a portfolio of work completed in the above course prerequisites for review by the interior design faculty. Declared interior design majors will be issued written directions which will include format and project inclusions.

Assessment Method: A written evaluation criteria list will be issued to all students declaring an interior design major and made available for students enrolling in 100/200 level interior design courses and prospective students. The evaluation criteria will incorporate applicable FIDER standards and guidelines applicable to predetermined competency level expectations.

Due Date: Applicants will submit the portfolio the semester prior to expected enrollment in ID 320. Dates will be posted in the studio and announced in the ID 200 level studios.

Grade Point Average: Student must have earned an overall GPA of 2.0 (4.0) and a 2.5 (4.0) in all courses completed in the major area of study (section 06 of the PACE degree plan).

Progression in Interior Design Studio Course Sequence: According to FIDER standards, the interior design curriculum is designed to encompass continuity, repetition of significant concepts, sequential ordering of content, progression of learning, and interrelationships among learning experiences. The student must earn a grade of "C" or higher in each course of the interior design studio sequence (1) ID 140; (2) ID 238, 240; (3) ID 320; (4) ID 340, 342, 439, 440; (5) ID 490; (6) ID 442 before taking the next course in the sequency.

Internship Prerequisites: Before enrolling in ID 442, Interior Design Internship, a student must have completed all course prerequisites, earned a grade of "C" or better in all courses in the major area of study, and have a 2.5 GPA in the major area of study and the last 60 hours of courses attempted. Approval must be obtained through an application form available from the student's academic adviser.

Graduation Requirements: In addition to all university and major course requirements, the following requirements must be met in order to graduate:

1. Fifty percent of required courses in the major must be completed at USM.
2. All required 300 and above level studio courses must be completed at USM.
3. A grade of "C" or higher must be earned in all course in the major area of study (section 06 of the PACe degree plan).
4. An overall GPA of 2.0 and 2.5 in the major area of study and the last 60 hours of courses attempted must be earned.

Transfer Credits: Transfer students are admitted to the program upon admission to the University. Students who wish to transfer from another college within the University must have a 2.0 GPA. Application for transfer may be made to the School of Family and Consumer Sciences throughout the year. The evaluation criteria for transfer credits in the major is as follows:

1. Quality and representation of course objectives documented in portfolio of previous work completed in interior design studio and support courses
2. Work completed at a FIDER accredited school. (Transfer of 300 and above level interior design credits from non-FIDER accredited institutions will be considered on an individual basis.)
3. Course syllabi and project description
4. Grade earned in the course
5. Course descriptions published in school catalog

Pace Degree Plan

Page
Interior Design....181

Nutrition and Dietetics

The Didactic Program in Dietetics (DPD) is approved by the American Dietetic Association. The Didactic Program in Dietetics includes all courses necessary to meet the academic requirements of the American Dietetic Association. Completion of the program qualifies students **to apply for** a dietetic internship or other pre-professional practice program approved or accredited by the American Dietetic Association. Program graduates are responsible for obtaining the internship/practice experience following graduation. The American Dietetic Association coordinates application for such programs through national computer matching of sites and applicants. Enrollment in such programs is limited and highly competitive. Students must meet both academic and practice requirements to be eligible to take the national registration examination to become Registered Dietitians. The following academic performance criteria are required for the Didactic Program in Dietetics:

To take any NFS course numbered above 400, students majoring in Nutrition and Dietetics must meet the following criteria:

1. Have a GPA of 2.5 or higher on required science courses (CHE 106, CHE 106L, BSC 250, BSC 250L, BSC 251, BSC 251L, CHE 251, CHE 251L, and CHE 420) with no grade lower than "C" in any of those courses.
2. Have an overall GPA of 2.75 or higher.
3. Have a grade of "B" or better in NFS 367.

In addition, students must have a grade of "C" or better in all required NFS courses in order to graduate.

Requirements for a minor in Nutrition and Dietetics

Students pursuing a minor in Nutrition and Dietetics must complete a minimum of 18 credits in Food and Nutrition and related areas. All students must complete 6 credits consisting of the following courses: CHE 106 and NFS 362 or NFS 367. An additional 12 credits may be selected from the following courses: NFS 410, NFS 420, NFS 430, NFS 461, NFS 463, and NFS 477. The following courses will not count toward a minor in Nutrition and Dietetics: NFS 167, NFS 261, NFS 272/L, and NFS 265.

In addition, students must meet all prerequisites for NFS courses and have a grade of "C" or better in all required science and NFS courses.

Pace Degree Plan

Page
Nutrition and Dietetics 182

School of Human Performance and Recreation

Walter H. Bumgardner, Director
Susan M. Hubble, Assistant Director
Hattiesburg, MS 39406-5142
(601) 266-5386

Bennett, Bower, Bumgardner, Burchell, Drummond, Ellard, Evetovich, Gallaspy, Gangstead, Green, Humphries, James, Krebs, Maneval, Palmer, D. Phillips, J. Phillips, Velasquez, Webster, Williams, Zoeller

The School of Human Performance and Recreation (HP&R) prepares professionals for career opportunities in meeting the complex educational, health, leisure, and sport science needs of society. Students have the option of majoring in one of three bachelor of science degree programs: Coaching and Sports Administration, Human Performance, or Recreation. Within these majors, students may concentrate study in one of the following emphasis areas: Coaching, Sports Administration, Physical Education, Sports Medicine, Recreation Administration and Therapeutic Recreation. Various School of HP&R curricular programs currently are accredited or approved by professional boards or agencies. These are:

Athletic Training—Joint Review Committee on Education Programs in Athletic Training (JRC-AT)
Kinesiotherapy—American Kinesiotherapy Association (AKTA)
Physical Education—K-12 Teaching Speciality Accreditation—National Council for Accreditation of Teacher Education (NCATE)/National Association for Sport and Physical Education (NASPE)
Recreation—Council on Accreditation of the National Recreation and Parks Association (NRPA).

Additionally, courses are offered within the various degree programs which facilitate professional certification in Athletic Training (NATA certification and State of Mississippi licensure), Kinesiotherapy (AKTA certification), Health Fitness Instructor Certification (American College of Sports Medicine [ACSM]), Teacher Licensure-K-12 Physical Education (Mississippi State Department of Education), Therapeutic Recreation Specialist (National Council for Therapeutic Recreation Certification [NCTRC]), and Certified Leisure Professional (NRPA).

Several certification programs are also available through the School of HP&R for non-majors. Students seeking add-on Driver Education teaching endorsement to a Mississippi teaching license may take several courses offered within the School of HP&R curricula. A variety of American Red Cross certifications are available in First Aid and Aquatics areas (see specific description of areas and corresponding courses of study for further detail).

Students majoring in any degree area within the School of Human Performance and Recreation should follow the program outline in their area of study. High school graduates and transfer students from community/junior colleges or other four-year colleges may be admitted to the School of HP&R in their chosen degree programs upon admission to the University. Students desiring to transfer from other schools or colleges within the University must be in good academic standing and possess a minimum GPA of 2.0 in order to be admitted to a degree program. Please note that a number of programs within the School must meet criteria of accrediting agencies and therefore may have additional admission and retention requirements above those of the University for formal admission into the School. Students entering the School of HP&R will be assigned to the appropriate faculty member for academic advisement.

Students majoring in any Human Performance and Recreation degree program must demonstrate proficiency (grade of "C" or better) in each HPR course used towards completion of their degree program, including required courses and electives. Any major who earns a grade lower than a "C" must repeat the HPR course until proficiency is established. Specific program specialization areas may also have proficiency requirements above and beyond those previously discussed.

Retention Policy: Students who wish to enter or are admitted to the School of HP&R must maintain a minimum cumulative GPA of 2.0 on all USM hours. Students whose GPAs fall below the minimum are placed on program probation. Policies governing program probation are available from the School Director.

Driver Education Certification

Students who wish to meet the teacher licensure requirement to teach driver education in Mississippi schools must complete requirements for a Standard Class A license "add-on" endorsement and the following courses: CHS 341 or CJ 332; HPR 480, 483, 483L, 484; and one course from HPR 370, 481, or 482.

American National Red Cross Certification

The program offers certificates from the Red Cross in First Aid Instruction, Lifeguard Training Certification, Lifeguard Training Instructor Certification, Cardiopulmonary Resuscitation, Water Safety Instructor Certification, Standard First Aid Certification, Standard First Aid Instructor Certification, Responding to Emergencies Certification, Beginner through Swimmer Level Stroke Instruction, and Instructor Candidate Training Program. Please consult an adviser in Human Performance for specific course requirements.

Aquatics Specialization

The School of Human Performance and Recreation offers a group of aquatic-related courses which may be of interest to students who wish to receive instruction leading to various certifications within the American Red Cross aquatic programs. Any USM student is eligible to be certified in the ARC

Aquatics Administration specialty by successfully completing the following classes as prescribed by the School of Human Performance and Recreation: HPR 364, 460; either HPR 360 or 363; and seven hours from the following: HPR 160, 163, 184, 300, 361, 363, 365, 380, or 420.

HP&R Lifetime Fitness and Activity Instructional Program

The School of Human Performance and Recreation offers a variety of 100-300 level activity-based academic courses. Students have the opportunity to learn basic skills of life-time sports, fitness and leisure activities which may be applied to on campus or off campus leisure time. Upper level service courses offered are designed to provide in-depth skill development in a particular area of interest. These are available to all students and are offered for a grade or on a pass/fail basis.

Coaching and Sports Administration

The Bachelor of Science degree program in Coaching and Sports Administration offers professional preparation in basic sport administration with possible further specialization in Coaching. All Coaching and Sports Administration majors must complete a 15 semester hour degree core as well as University core requirements. Majors must select either a block of course offerings to complete a Sport Administration or Coaching specialization. The Sport Administration specialization is designed to prepare students who seek careers in sports programming in private enterprise, municipal sports administration, professional athletic office operations, or college athletic administration. Courses in the Coaching specialization are designed to provide students with the necessary foundational sport science theory and application in professional coaching and athletic administration settings. NOTE: Students who wish to prepare to coach in the public schools in Mississippi must possess a Mississippi teaching license. Therefore, they should pursue a second major in a recognized secondary teacher education field. If they wish to pursue K-12 Physical Education teaching licensure, they must major in Human Performance with the K-12 specialty under Physical Education emphasis as their primary major. Those interested in obtaining a Mississippi teaching license through the alternative route should contact the Mississippi State Department of Education.

Pace Degree Plan

Page

Coaching and Sports Administration 184

Requirements for a Minor in Coaching and Sports Administration

All students pursuing a minor in Coaching and Sports Administration must complete minimum of eighteen (18) hours in CSA-related courses. The following courses are required for a minor in Coaching: HPR 274, 309, 419 (2 hours minimum), 468, 470, and six (6) semester hours of adviser approved electives including at least one coaching methods course. For Sports Administration: HPR 307, 405, 410, 419 (3 hrs.), 468, and at least one adviser approved elective (3 hrs.).

Human Performance

The Bachelor of Science degree program in Human Performance is designed to provide students with a foundation theory base in the movement sciences. Additionally, the program offers professional preparation in two distinctive areas of Human Performance: Sports Medicine and Physical Education. Within each of these emphases, students may select from several professional-based specializations in order to further prepare for future career interests. All Human Performance majors must complete a 20 to 28 semester hour degree core as well as the University core requirements. Majors must also select one of the two emphases and complete course requirements specific to the emphasis selected.

Majors interested in pursuing careers in either Athletic Training or Exercise Science should select the Sports Medicine emphasis within the degree program. Within this emphasis, students are required to take 20 semester hours in Sports Medicine-related course offerings. Students seeking careers as exercise specialists or fitness instructors in either corporate health promotion or rehabilitative medical settings should complete courses in the Exercise Science specialization. Students specializing in Exercise Science are highly encouraged to complete CHE 106, 106L; CHE 107, 107L; or CHE 251, 251L; BSC 250, 250L, 251, 251L early in their program since these courses are prerequisites for many major courses. Students who wish to pursue Athletic Training certification by the National Athletic Training Association (NATA) and Mississippi Athletic Training Licensure should complete courses in the Athletic Training specialization.

Majors interested in pursuing careers in the instruction of Physical Education in both school and non-school settings should select the Physical Education emphasis within the degree program. All students in this emphasis must complete the Physical Education Core (30 semester hours) and selected courses to meet the requirements of one of two certifications. Those students who wish to seek Standard Mississippi K-12 Physical Education Teacher Licensure must follow prescribed courses listed in the K-12 Teaching specialization. Upon successful completion of all degree requirements, students will meet all course requirements necessary for application of Standard Mississippi Teacher Licensure (K-12 Physical Education) and will be immediately eligible to teach elementary and/or secondary level Physical Education in schools within Mississippi and in many states throughout the U.S.

Students seeking careers in adaptive physical education or rehabilitation settings (public and private) should complete courses in the Kinesiotherapy specialization. Upon successful completion of coursework, these graduates are eligible for the Kinesiotherapy Certification Registry Examination by the American Kinesiotherapy Association (AKTA).

Athletic Training Program Admission and Retention

All students entering the athletic training program directly from high school and all students transferring to Athletic Training are subject to the admission procedures and standards of the University. Admission to The University of Southern Mississippi as a Human Performance/Sports Medicine major does not insure progression to the upper division Athletic Training course work. Students having completed HPR 219, CHS 101, PSY 110 and one of the following: BSC 250/250L or 251/251L, may make application to the Athletic Training program for progression to the upper division course work in Athletic Training and admission to the program. Both BSC 250/250L and BSC 251/251L are required in the degree program. Application forms may be obtained from the Athletic Training curriculum director. Fall term admission application deadline is March 1, Spring term admission deadline is October 1. Students admitted to the athletic training program are required to have liability insurance through The University of Southern Mississippi. In addition to filing an application, the following minimum requirements must be met for consideration for admission to the Athletic Training program: a) 2.80 overall GPA; b) a minimum of "B" in HPR 219, BSC 250/250L or BSC 251/251L, CHS 101, and PSY 110; c) observation and evaluation by clinical instructors, d) clinical experience, and e) submission of a completed physical examination by a physician or nurse practitioner, a TB skin test (or chest x-ray if positive), a current tetanus immunization (within 10 years), and a verification of Hepatitis B vaccination or option. All students admitted to the Athletic Training program must adhere to the program retention policies which include; a) achievement of a grade of B or better in CHS 101, PSY 110, BSC 250, 250L, 251, 251L; NFS 362; and HPR courses required in the degree program, b) maintain a 2.80 overall GPA, and c) adherence to codes of moral/ethical conduct (see Code of Ethics of the National Athletic Trainers' Association). Students must accumulate a minimum of 1125 hours of supervised clinical experience in laboratory/clinical courses over fall and spring semesters. Laboratory/ practicum courses for supervised clinical experiences are offered only during the fall and spring semester, and not during summer school. Students are not allowed to complete two clinicals in any one semester. Progression to the upper division athletic training courses shall be reserved for: a) students admitted to the Athletic Training Program, and b) upper division students who receive instructors' permission. A student who drops below an overall 2.80 GPA in the program will be placed on probation in the program for one semester. If the student does not obtain an overall 2.80 GPA during the probation semester, he/she will be dismissed from the program. Notification of dismissal from the program will be sent to the student by the program director. The student must petition in writing to the Athletic Training Admission and Progression Committee for consideration for readmission to the program.

Kinesiotherapy Program Admission and Retention

All students seeking KT specialization must meet all admission requirements with the University and the School of Human Performance and Recreation. Second level admission to the KT specialization will be required in order for students to enroll in upper level specialization requirements and complete all internships. Students may apply for second level admission to the KT specialization upon successful completion of selected courses within the University General Education Core and the following major course requirements: THY 411; HPR 148, 301, 301L, 302, 303, 308, 308L, 370, 401, 404, 421, 423, and 423L. A student who drops below an overall 2.80 GPA in the program will be placed on probation in the program for one semester. If the student does not obtain an overall 2.80 GPA during this probation semester, he/she will be dismissed from the

program. Notification of such dismissal will be sent to the student by the program director. The student must submit a written petition to the director of KT for consideration for readmission to the program. Students enrolled in the KT specialization must achieve a "C" or better in all HPR, PSY, BSC, and THY courses.

Pace Degree Plans

Page
Physical Education Emphasis....183
Sports Medicine Emphasis....185

Requirements for a Minor in Physical Education

All students pursuing seeking a MS "add-on" endorsement in Physical Education to their secondary education standard licensure must complete eighteen (18) hours in Human Performance courses. The following courses are required for a minor in Physical Education: HPR 314, 320, and 326. The remaining three courses (not including concurrent labs) should be selected from HPR 308, 308L, 401, 404, or 301/301L.

Recreation

The Bachelor of Science degree program in Recreation offers professional preparation in two distinct areas of recreation: Recreation Administration and Therapeutic Recreation. All Recreation majors must complete a 39 to 42 semester hour degree core as well as the University core requirements. Majors must also select one of the two emphases and complete course requirements specific to the emphasis. The Recreation Administration emphasis is designed to prepare students for professional employment in a variety of recreational settings including community-based, commercial or outdoor recreation and park management. Students graduating from this program are immediately eligible to take the Certified Leisure Professional (CLP) Examination and apply for CLP certification.

The Therapeutic Recreation emphasis is designed to prepare students for professional positions as Therapeutic Recreation specialists in a variety of settings. Therapeutic Recreation Specialists may work with individuals with physical, mental, emotional, or social limitations in either clinical, residential, or community-based settings. The Bachelor of Science degree in Recreation with an emphasis in Therapeutic Recreation prepares students for eligibility for certification by the National Council for Therapeutic Recreation Certification (NCTRC).

Pace Degree Plans

Page
Recreation Administration Emphasis....186
Therapeutic Recreation Emphasis....187

Requirements for a Minor in Recreation

All students pursuing a minor in Recreation must complete eighteen (18) hours in Recreation-related HPR courses. The following courses are required: HPR 200, 322, and 323. The remaining nine (9) hours may be selected from approved electives following consultation with a recreation adviser.

School of Social Work

Earlie M. Washington, Director
Timothy Rehner, Baccalaureate Program Coordinator
Hattiesburg, MS 39406-5114
(601) 266-4163

Brooks, Hrostowski, Pegues, Rehner, Rowley, Thornton, Williams

Purpose

The primary purpose of the School of Social Work is to provide professional social work education to undergraduate and graduate students. The social work profession recognizes the bachelor's degree as the first practice degree. The primary objective of the undergraduate program is to prepare students for entry level generalist social work practice. The undergraduate program also prepares students to enter graduate schools of social work or other professional degree programs.

History

Undergraduate courses in social work were transferred from the Department of Sociology and Anthropology to the School of Social Work effective July 1, 1988. The Bachelor of Social Work degree was approved by the Board of Trustees of the State Institutions of Higher Learning in December, 1989.

Accreditation

The B.S.W. Program was granted full accreditation by the Council on Social Work Education in February 1996, retroactive to 1992.

Baccalaureate Social Work Education

The Baccalaureate program offers broad preparation in general education, as well as education for the professional practice of social work in a variety of settings. In addition to the professional component, courses in the liberal arts, the humanities, and the sciences are selected to prepare the student to assume effectively the roles of citizen and professional practitioner.

Social work is concerned with the interaction between people and their environment. Social workers deal directly with people in an effort to prevent or resolve problems which inhibit growth and development. Social work practice includes work with individuals, families, groups, organizations, and communities. The undergraduate social work program is structured to provide students with an opportunity to develop a broad background in the social and behavioral sciences. Theoretical knowledge of individual development, group processes, and organizational behavior are integral components of the curriculum. The development and modification of social policy, practice skills in interviewing, research, and methods of intervention are content areas covered in social work courses to prepare students for social work generalist practice. In addition to required courses in the major, students are expected to gain practical experience through a field practicum in a social work agency during their senior year. Thus, a liberal arts background is integrated with the social work curriculum to help students develop a common core of knowledge and skills.

Admissions

All students entering the School of Social Work are subject to the admission procedures and standards of the University. Admission to the School of Social Work at The University of Southern Mississippi, however, does not ensure progression to the upper division social work major. Initially students are admitted to the pre-social work program. An application to the B.S.W. major may be submitted when a student has successfully completed the following:

1. A minimum of 56 credit hours of the 61 credit hours of university general education requirements.
2. An overall grade point average of 2.5 or above.
3. A grade of C or better in all university core requirements (including transfer courses) used to meet the social work degree requirements.
4. Forty hours of volunteer experience as part of SWK 230.
5. Completion of SWK 230, SWK 300, and SWK 315 with a minimum of a C in each course.
6. An interview with the Admissions Committee.

The number of students admitted each semester will vary according to the resources available. **Academic credit for life and previous work experiences will not be granted in lieu of the field practicum or any other required social work course.**

Progression

The following progression policies apply to all students admitted to the B.S.W. program:

1. A minimum grade point average of 2.5 must be maintained in all social work courses.
2. A grade of C or higher in each course in the social work curriculum, with the exception of field instruction, must be earned.
3. A grade of B or higher must be earned in field education.
4. The student must adhere to the standards of conduct listed in the Social Work Code of Ethics.

Field Education

After completing all course work, students enroll in a field practicum. The practicum allows students to apply the generalist problem-solving method in an agency serving individuals, families, groups, organizations, and communities. Students are provided opportunities to work with client systems from diverse racial, ethnic, cultural, sexual orientation, social, and religious backgrounds. Students practice in a social work agency or organization eight hours per day, Monday through Thursday, for a total of 450 clock hours during the semester. To promote integration of classroom learning and agency experience, students attend a field seminar on Friday. The student must obtain a grade of B or higher in Field Education in order to be awarded a Bachelor of Social Work Degree.

Requirements for Field Practicum

Students must submit formal application to the Field Education Coordinator at the beginning of the semester prior to registering for the field practicum. Practicum students must: (1) complete all B.S.W. required liberal arts courses (61 hours); (2) complete 61 hours of the social work core curriculum and foundation electives; (3) maintain a 2.5 cumulative grade point average; (4) have been admitted to the B.S.W. program; (5) register for SWK 431-Field Seminar; and (6) spend a minimum of 450 clock hours in a field setting designated by the Field Education Coordinator. While in the field practicum, students will be assessed a fee to cover the cost of Professional Liability Insurance.

Student Advisement

Advisement is an essential component of the B.S.W. program. Each student admitted to the program will be assigned an adviser. The adviser will orient students to the B.S.W. program, assist them in assessing their aptitude and motivation for a social work career, evaluate each student's performance and guide students in selecting coursework. When requested or required, the adviser also helps students resolve personal problems that affect the attainment of their educational goals.

Probation and Suspension

University regulations governing probation and suspension are outlined in this Bulletin under "General Academic Requirements—Academic Standards." In addition, students not meeting the progression policies outlined above will be subject to suspension from the B.S.W. program. Students not meeting the University grade point requirements will be placed on probation or suspended. Academic advisers should be consulted to assist students on probation. Any reinstatement must comply with University regulations and have approval from the Director of the School of Social Work and the Dean of the College.

Graduation Requirements

Graduation requirements must be met under the catalog of the academic year in which the student is admitted into the professional B.S.W. degree program, or a more recent catalog, provided the catalog is not more than six years old at the time of graduation. In order to graduate, students must meet all prescribed course requirements and meet the progression policies of the School of Social Work.

Students must file an "Application for Degree" at least one semester in advance of the anticipated semester of graduation. The application requires the signature of the student, the adviser, and the Director of the School. The degree application process is completed when the application is filed by the student.

Pace Degree Plan

Page
Social Work 188

Center for Community Health

Vivien Carver, Acting Director
Hattiesburg, MS 39406-5122
(601) 266-5437
Ahua, Carver, Exline, Graham-Kresge, Hinton, Khoury, McDonald, McGuire, Mitra, Powell

The Center for Community Health was established in 1989 as an organizational focus for expanded activities in community health within the College of Health and Human Sciences. The Center offers an undergraduate degree with a major in Community Health Sciences with emphases in health promotion, school health education, and health education and coaching. At the graduate level, the Center offers the only Accredited Master of Public Health degree in Mississippi, with emphasis areas in Health Education, Health Administration, Occupational Health and Safety, Epidemiology and Biostatistics, and Public Health Nutrition. The Center also serves as a base for interdisciplinary research and demonstration activities in such areas as rural health policy, lay health advisers, access to health care for disadvantaged populations, injury prevention, health promotion, and disease prevention.

This program of study is designed to prepare students for professional careers in health education and administration in a wide variety of health organizations such as voluntary health agencies, private agencies and industry, public health departments and other governmental agencies, community health centers, multispecialty clinics and hospitals.

Community Health is an applied science which seeks to bridge the gap between the findings of health-related research and the application of the findings to the daily lives of those who engage its services. Its functions are based on scientific principles, and its processes employ intellectual, psychological, and social dimensions as it attempts to increase the ability of people to make informed decisions about behaviors that affect personal, family and community well-being. Community Health also applies learning from the social, behavioral, political and management sciences to the management of health care organizations and programs.

The program requires study in the foundations of community health programs and services, population sciences, biological sciences, disease causation and prevention, planning, and administration of health programs. Through the careful selection of electives and minors, students may direct their studies to achieve differing career goals. Students interested in careers in community or school health education will take electives in the content areas of health education (e.g. human sexuality, drugs, and alcohol abuse, safety, etc.). To gain admission into the professional education courses, students must pass the PRAXIS exam and have a minimum GPA of 2.5. Students seeking teacher licensure may pursue a degree in school health education or health education and coaching. Students desiring teaching licensure will minor in secondary education and meet all the requirements in the professional education core. Careful sequencing of professional education courses is necessary in order to complete the degree in a timely manner.

Upon selecting Community Health Sciences as a major, students are assigned an adviser who will work closely with them over the course of their program. The Center emphasizes effective advising to ensure adequate preparation for careers in community health, school health, and health administration.

Community Health Sciences majors must meet the following criteria:

1. an overall GPA of at least 2.5 for students transferring into the major.
2. an overall GPA of 2.50 or higher before taking CHS 408, 409, 411, and 415.
3. a grade of "C" or better in all courses required for the major.

Requirements for a Minor in Community Health Sciences

Students pursuing a minor in Community Health Sciences must complete a minimum of eighteen (18) hours of CHS courses including CHS 101, 210, and 409.

Requirements for a Minor in Health Policy and Administration

Students pursuing a minor in Health Policy and Administration must complete CHS 321, 412, 420, 425, 427, and 460.

Pace Degree Plan

Page
Community Health Sciences 189

Department of Hospitality Management

Joe Hutchinson, Chair
Catherine Price, Associate Chair
Box 5128
Long Beach, MS 39560-2699
(228) 214-3226

Abaul-Ghani, Dalbor, Hallab, Hutchinson, Price, Taylor

Join the growing Hospitality Management (HM) program and launch a life-long career in the world's largest industry. Students have the option of attending classes and receiving a degree at either the USM Gulf Coast or Hattiesburg campuses. The Bachelor of Science in Hospitality Management prepares students for an exciting career in hotel, restaurant, and tourism management. The management positions in this booming field have become more challenging, and employers value professionals who are better educated and better trained.

The HM program offers a wide range of courses that lead students along their career path. Areas of industry emphasis include lodging, food and beverage, tourism, or convention and event management. This industry focus is balanced with general education and business management courses–ranging from accounting to marketing–some outside the traditional classroom setting. Each semester combines classroom lectures with case studies, computer assignments, guest lectures, and field trips.

Valuable experience is gained through required work experiences and internships. The Mississippi Gulf Coast offers a one-of-a-kind opportunity to learn where the hospitality and tourism industry is booming. Students have the opportunity to blend their classroom knowledge with hands-on learning experiences in nearby hotels, restaurants, private clubs, convention centers, convention and visitor bureaus, tourist attractions, and travel and tour operations. On the Hattiesburg campus, students gain experience in The Charcoal Room, fine dining restaurant-laboratory open for lunch four days a week.

Pace Degree Plan

Page
Hospitality Management 190

Requirements for a Minor in Hospitality Management

A minor in Hospitality Management shall consist of a minimum of twenty-one (21) hours. Required courses are HM 300, 342, 380, and 482 for a total of twelve (12) hours. The remaining 9 hours of HM electives are chosen with the advice of HM faculty, depending on individual student interest in lodging management, food and beverage management, or tourism management. Courses not available in the minor are HM 379 and 479.

CHILD AND FAMILY STUDIES

PACE Degree Plan (H20)

01. REASONING AND COMMUNICATION SKILLS (15 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101 OR HIGHER LEVEL
- 03 SCM 320
- 04 CSC 100

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 ART 130 OR AA 100 OR DAN 107 OR MUS 365 OR THE 100
- 02 HIS 101 AND HIS 102
- 03 ENG 203

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 PSY 110 OR PSY 375
- 02 SOC 101

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 SELECT 2 LAB SCIENCES APPROVED UNDER THE GENERAL EDUCATION CURRICULUM [NOTE: CHILD LIFE TRACK MUST HAVE BSC 250, BSC 250L]
- 02 NFS 362

05. HUMAN WELLNESS (1 HR)
- 01 HPR 105

06. MAJOR AREA OF STUDY (80 HRS)
- 01 CD 150
- 02 CD 350
- 03 CD 350L
- 04 CD 352
- 05 CD 352L
- 06 CD 450
- 07 CD 451
- 08 CD 451L
- 09 CD 453
- 10 CD 453L
- 11 CD 477
- 12 CD 498
- 13 CHS 436
- 14 FAM 101
- 15 FAM 150
- 16 FAM 151
- 17 FAM 351
- 18 FAM 442
- 19 FAM 450
- 20 FAM 452
- 21 FAM 453
- 22 FAM 475
- 23 FCS 401
- 24 HPR 309

STUDENTS INTERESTED IN CHILD DEVELOPMENT SHOULD COMPLETE THE FOLLOWING
- 25 CD 455
- 26 LIS 417
- 27 CD 452
- 28 CD 452L
- 29 GENERAL ELECTIVES: SEE ADVISER TO SELECT COURSES NEEDED TO COMPLETE THE MINIMUM NUMBER OF HOURS REQUIRED IN THE PROGRAM.

STUDENTS INTERESTED IN CHILD LIFE SHOULD COMPLETE THE FOLLOWING
- 25 CD 378
- 26 CD 456
- 27 CD 492
- 28 CHS 101
- 29 LIS 417
- 30 NSG 406 or SW 492 (Grief and Bereavement)
- 31 GENERAL ELECTIVES: SEE ADVISER TO SELECT COURSES NEEDED TO COMPLETE THE MINIMUM NUMBER OF HOURS REQUIRED IN THE PROGRAM.

STUDENTS INTERESTED IN FAMILY RELATIONS SHOULD COMPLETE THE FOLLOWING
- 25 FAM 443
- 26 FAM 451
- 27 FAM 490
- 28 PSY 372
- 29 SCM 330 or PSY 423
- 30 GENERAL ELECTIVES: SEE ADVISER TO SELECT COURSES NEEDED TO COMPLETE THE MINIMUM NUMBER OF HOURS REQUIRED IN THE PROGRAM. SUGGESTED ELECTIVES INCLUDE CHS 422, PSY 375 AND PSY 436.

STUDENTS MUST EARN A GRADE OF "C" OR BETTER IN ALL COURSES REQUIRED FOR MAJOR AREA OF STUDY (SECTION 06 IN PACE DEGREE PLAN), SPECIALIZATION (SECTION 07 IN PACE DEGREE PLAN), AND ANY COURSES SUBSTITUTED FOR MAJOR AND SPECIALIZATION AREA COURSES IN ORDER TO GRADUATE.

A Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

FASHION MERCHANDISING AND APPAREL STUDIES

PACE Degree Plan (H40)

01. REASONING AND COMMUNICATION SKILLS (15 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101 OR HIGHER LEVEL
- 03 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330
- 04 CSC 100

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100
- 02 ENG 203
- 03 HIS 101 AND HIS 102

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 PSY 110, 110L
- 02 FAM 151
- 03 ECO 201

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 SELECT 2 LAB SCIENCES APPROVED UNDER THE GENERAL EDUCATION CURRICULUM
- 02 NFS 362

05. HUMAN WELLNESS (1 HR)
- 01 HPR 105

06. MAJOR REQUIREMENTS (80 HRS)
- 01 FAM 101
- 02 FAM 150
- 03 FAM 475
- 04 FMA 121
- 05 FMA 131
- 06 FMA 330
- 07 FMA 331
- 08 FMA 332
- 09 FMA 334
- 10 FMA 335
- 11 ENG 333
- 12 MGT 300
- 13 MKT 300

STUDENTS INTERESTED IN FASHION MERCHANDISING SHOULD COMPLETE THE FOLLOWING
- 15 ACC 200
- 16 FMA 222
- 17 FMA 337
- 18 FMA 435
- 19 FMA 436
- 20 FMA 437
- 21 FMA 439
- 22 MGT 364
- 23 MKT 330
- 24 MKT 444
- 25 SELECT 1 COURSE FROM COURSES FMA 221, FMA 321, FMA 421, FMA 478
- 26 SELECT 6 HOURS FROM COURSES MKT 355, MKT 365, MKT 458, MKT 495 TO COMPLETE MARKETING MINOR
- 27 GENERAL ELECTIVES: SEE ADVISER TO SELECT COURSES NEEDED TO COMPLETE THE MINIMUM NUMBER OF HOURS REQUIRED IN THE PROGRAM.

STUDENTS INTERESTED IN APPAREL STUDIES SHOULD COMPLETE THE FOLLOWING
- 15 FMA 333
- 16 FMA 431
- 17 FMA 433
- 18 FMA 437
- 19 FMA 444
- 20 THE 201 AND 201L OR FMA 439
- 21 ART 101 OR ART 111
- 22 GENERAL ELECTIVES: SEE ADVISER TO SELECT COURSES NEEDED TO COMPLETE THE MINIMUM NUMBER OF HOURS REQUIRED IN THE PROGRAM. SUGGESTED MINORS INCLUDE MKT, MGT, THE, OR ART.

A Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

FAMILY AND CONSUMER SCIENCES EDUCATION

PACE Degree Plan (H50)

01. REASONING AND COMMUNICATIONS SKILLS (12 HRS)
01 ENG 101, 102
02 MAT 101
03 SCM 111

02. HUMANITIES AND FINE ARTS (12 HRS)
01 AA 100
02 ENG 203
03 HIS 101, 102

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
01 ECO 201
02 PSY 110
03 FAM 151

04. NATURAL AND APPLIED SCIENCES (11 HRS)
01 BSC 103, 103L
02 BSC 281, 281L
03 NFS 362

05. HUMAN WELLNESS (1 HR)
01 HPR 105

06. MAJOR AREA OF STUDY (40 HRS)
01 CD 350
02 CD 352
03 CD 451
04 CHS 101
05 CHS 321
06 FAM 101
07 FAM 150
08 FAM 351
09 FAM 443
10 FAM 452
11 FAM 475
12 FCS 201
13 FCS 301
14 FCS 401
15 NFS 272, 272L

STUDENTS INTERESTED IN TEACHER LICENSURE IN FAMILY AND CONSUMER SCIENCES SHOULD COMPLETE THE FOLLOWING COURSES (44 HRS)
16 CIS 313
17 CIS 476
18 ESC 301
19 FCS 490
20 FCS 491
21 HPR 309
22 PSY 372
23 PSY 374
24 CHOOSE ONE: PSY 375; FMA 330 OR 334; ID 140 OR 337
25 REF 400
26 REF 469
27 SPE 400
28 BTE 469

TO QUALIFY FOR A STATE DEPARTMENT OF EDUCATION ENDORSEMENT IN THE TEACHING AREA OF COMPUTER DISCOVERY, STUDENTS MAY TAKE THE FOLLOWING ADDITIONAL COURSES OR THEIR APPROVED EQUIVALENT:
01 BTE 461
02 CSS 400
03 BTE 463 OR BTE 467

STUDENTS NOT SEEKING TEACHER LICENSURE SHOULD WORK WITH AN ACADEMIC ADVISER IN SELECTING A PROFESSIONAL FOCUS AND INDIVIDUAL COURSES TO COMPLETE THE MINIMUM 128 HOURS REQUIRED FOR GRADUATION. THESE COURSES MUST BE APPROVED BY THE ADVISER, MUST INCLUDE AT LEAST ONE COURSE IN COMPUTER APPLICATIONS, AND MUST INCLUDE A MINIMUM OF 20 HOURS SELECTED FROM COURSES IN THE SCHOOL OF FAMILY AND CONSUMER SCIENCES.

A Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

INTERIOR DESIGN
PACE Degree Plan (H90)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102.
- 02 MAT 101 OR HIGHER LEVEL.
- 03 SCM 111

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 ART 130
- 02 HIS 101 AND HIS 102.
- 03 ENG 203

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 FAM 151
- 02 SOC 101
- 03 PSY 110, 110L

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 SELECT 2 LAB SCIENCES APPROVED UNDER THE GENERAL EDUCATION CURRICULUM
- 02 NFS 362

05. HUMAN WELLNESS (1 HR)
- 01 HPR 105

06. MAJOR AREA OF STUDY (87 HRS)
- 01 FAM 101
- 02 FAM 475
- 03 ENG 333, 300, 332, OR 401
- 04 ID 140
- 05 ID 232
- 06 ID 238
- 07 ID 240
- 08 ID 303
- 09 ID 320
- 10 ID 333 OR FMA 330
- 11 ID 325
- 12 ID 339
- 13 ID 340
- 14 ID 342
- 15 ID 439
- 16 ID 440
- 17 ID 441
- 18 ID 442
- 19 ID 438
- 20 ID 490
- 21 ENT 100 OR ACT 132/L
- 22 ENT 120
- 23 ENT 320
- 24 ART 101
- 25 ART 111
- 26 ART 112
- 27 ART 113, 102, OR OTHER ART STUDIO
- 28 SELECT 3 HOURS FROM COURSES ID 334, ID 478, ID 497 OR ACT 204, ACT 235/L, ENT ELECTIVES IN COMPUTER ASSISTED DESIGN, HM 442
- 29 SELECT 3 HOURS FROM COURSES ID 497, ACT 322, ART 332, ART 334.
- 30 GENERAL ELECTIVES: SEE ADVISER TO SELECT COURSES NEEDED TO COMPLETE THE MINIMUM NUMBER OF HOURS REQUIRED IN THE PROGRAM. CHOOSE FROM ID 478 OR COURSE FROM CATEGORY 28/29 OR OTHER APPROVED COURSES.

A Minimum of 132 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

NUTRITION AND DIETETICS
PACE Degree Plan (HA0)

01. REASONING AND COMMUNICATIONS SKILLS (15 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101 OR HIGHER LEVEL
- 03 SCM 320
- 04 SCM 330

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100
- 02 HIS 101 AND HIS 102
- 03 ENG 203

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 PSY 110, 110L
- 02 FAM 151
- 03 ECO 201

04. NATURAL AND APPLIED SCIENCES (12 HRS)
- 01 CHE 106, CHE 106L
- 02 BSC 250, BSC 250L
- 03 BSC 251, BSC 251L

05. HUMAN WELLNESS (1 HR)
- 01 HPR 105

06. MAJOR AREA OF STUDY (79-88 HRS)
- 01 FAM 101
- 02 FAM 475
- 03 MGT 300
- 04 CHE 251, CHE 251L
- 05 CHE 420
- 06 NFS 265
- 07 NFS 272, 272L
- 08 NFS 320, 320L
- 09 NFS 330, 330L
- 10 NFS 350
- 11 NFS 468
- 12 NFS 367 OR NFS 362
- 13 NFS 372
- 14 NFS 385, 385L
- 15 NFS 410
- 16 NFS 453
- 17 NFS 459
- 18 NFS 463
- 19 NFS 465
- 20 NFS 470
- 21 NFS 477
- 22 NFS 480
- 23 NFS 485, 485L
- 24 NFS 486, 486L
- 25 NFS 492
- 26 HM 340, HM 340L
- 27 HM 380
- 28 HPR 308, 308L
- 29 CHS 440

STUDENTS MAJORING IN NUTRITION AND DIETETICS MUST MEET THE FOLLOWING CRITERIA TO ENROLL IN ANY NFS COURSE NUMBERED ABOVE 400:

A. HAVE A GPA OF 2.5 OR HIGHER ON REQUIRED SCIENCE COURSES (CHE 106, CHE 106L, BSC 250, BSC 250L, BSC 251, BSC 251L, CHE 251, CHE 251L, CHE 420) WITH NO GRADE LOWER THAN "C" IN ANY OF THOSE COURSES.

B. HAVE A GRADE OF "B" OR BETTER IN NFS 367.

C. HAVE AN OVERALL GPA OF 2.75. STUDENTS MUST HAVE A GRADE OF "C" OR BETTER IN ALL REQUIRED NFS COURSES IN ORDER TO GRADUATE.

A Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

PHYSICAL EDUCATION
PACE Degree Plan (HC4)

01. REASONING AND COMMUNICATIONS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101 OR HIGHER LEVEL
- 03 SCM 111 OR SCM 305 OR SCM 330

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 ENG 203
- 02 HIS 101 AND HIS 102
- 03 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 PSY 110
- 02 CHS 101
- 03 SELECT 3 HOURS FROM COURSES DESCRIBED AS CATEGORY III ELECTIVES IN THE GENERAL EDUCATION CURRICULUM, (ANT, BA, ECO, FAM, GHY, PS, OR SOC)

04. NATURAL SCIENCES (11 HRS)
- 01 BSC 250, BSC 250L
- 02 SELECT 1 LAB SCIENCE APPROVED UNDER THE GENERAL EDUCATION CURRICULUM
- 03 NFS 362

05. HUMAN WELLNESS (1 HR)
- 01 HPR 105

06. MAJOR CORE REQUIREMENTS (32 HRS)
- 01 HPR 148
- 02 HPR 205L
- 03 HPR 301, HPR 301L
- 04 HPR 303
- 05 HPR 308, HPR 308L
- 06 HPR 309
- 07 HPR 401
- 08 HPR 404
- 09 HPR 421
- 10 HPR 423 AND HPR 423L
- 11 HPR 426

STUDENTS SELECTING THE K-12 PHYSICAL EDUCATION TEACHER LICENSURE SPECIALIZATION SHOULD COMPLETE THE FOLLOWING REQUIREMENTS (54 HRS)
STUDENTS MUST SELECT THREE COURSES FROM THE FOLLOWING: HPR 140, 160, 183, 184, 185, 300, OR 380.
- 12 HPR 146
- 13 HPR 147
- 14 COMPLETE 1 HOUR FROM COURSE HPR 210
- 15 HPR 220
- 16 HPR 284
- 17 HPR 314
- 18 HPR 321
- 19 HPR 326
- 20 HPR 462, 462L
- 21 HPR 463
- 22 PSY 374
- 23 REF 400
- 24 REF 469
- 25 SPE 400
- 26 HPR 490
- 27 HPR 491
- 28 GENERAL ELECTIVES: SEE ADVISER TO SELECT COURSES NEEDED TO COMPLETE MINIMUM NUMBER OF HOURS REQUIRED IN THE PROGRAM
- 29 SELECTION OF ELECTIVES COURSES LEADING TO A SECOND TEACHING ADD-ON ENDORSEMENT AREA IS HIGHLY RECOMMENDED.

STUDENTS SELECTING THE KINESIOTHERAPY SPECIALIZATION SHOULD COMPLETE THE FOLLOWING REQUIREMENTS (62 HRS)
- 12 HPR 146 or 147
- 13 BSC 251, BSC 251L
- 14 HPR 370
- 15 HPR 374
- 16 PSY 375
- 17 HPR 406 or 452
- 18 HPR 422 or 408
- 19 THY 411
- 20 THY 412
- 21 THY 413
- 22 THY 421
- 23 PSY 426
- 24 PSY 436
- 25 THY 451
- 26 THY 460
- 27 THY 470
- 28 GENERAL ELECTIVES: SEE ADVISER TO SELECT COURSES NEEDED TO COMPLETE MINIMUM NUMBER OF HOURS REQUIRED IN THE PROGRAM

A Minimum of 128-133 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

COACHING AND SPORTS ADMINISTRATION
PACE Degree Plan (HB0)

01. REASONING AND COMMUNICATIONS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SCM 111 OR SCM 305 OR SCM 330

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 ENG 203
- 02 HIS 101 AND HIS 102
- 03 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 PSY 110
- 02 CHS 101
- 03 SELECT 3 HOURS FROM COURSES DESCRIBED AS CATEGORY III ELECTIVES IN THE GENERAL EDUCATION CURRICULUM

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 SELECT 2 LAB SCIENCE APPROVED UNDER THE GENERAL EDUCATION CURRICULUM
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HOURS FROM THE GENERAL EDUCATION CURRICULUM

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167 OR NFS 362
- 02 HPR 105

06. MAJOR CORE REQUIREMENTS (15 HRS)
- 01 HPR 307
- 02 HPR 405
- 03 HPR 468
- 04 COMPLETE 6 HRS OF HPR 419

STUDENTS SELECTING THE SPORTS ADMINISTRATION SPECIALIZATION SHOULD COMPLETE THE FOLLOWING REQUIREMENTS (40 HR MINIMUM)
- 05 ACC 200
- 06 ECO 201
- 07 MIS 201
- 08 MIS 202
- 09 ACC 300
- 10 MGT 300
- 11 MIS 300
- 12 MKT 300
- 13 HPR 203
- 14 HPR 330
- 15 HPR 332
- 16 HPR 410
- 17 HPR 412
- 18 HPR 414
- 19 HPR 434
- 20 GENERAL ELECTIVES: SEE ADVISER TO SELECT COURSES NEEDED TO COMPLETE MINIMUM NUMBER OF HOURS IN THE PROGRAM

STUDENTS SELECTING THE COACHING SPECIALIZATION SHOULD COMPLETE THE FOLLOWING REQUIREMENTS (29-33 HRS)
- 05 BSC 250, BSC 250L
- 06 HPR 274
- 07 HPR 308, 308L
- 08 HPR 309
- 09 HPR 370
- 10 HPR 409
- 11 HPR 470
- 12 SELECT FOUR COURSES FROM: HPR 324, HPR 325, HPR 416, HPR 418, HPR 427, HPR 428, HPR 429, HPR 327, HPR 340, HPR 341, HPR 362
- 13 GENERAL ELECTIVES: SEE ADVISER TO SELECT COURSES NEEDED TO COMPLETE MINIMUM NUMBER OF HOURS IN THE PROGRAM

A Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

SPORTS MEDICINE
PACE Degree Plan (HC6)

01. REASONING AND COMMUNICATIONS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101 OR HIGHER LEVEL
- 03 SCM 111 OR SCM 305 OR SCM 330

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 ENG 203
- 02 HIS 101 AND HIS 102
- 03 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 PSY 110
- 02 CHS 101
- 03 SELECT 3 HOURS FROM COURSES DESCRIBED AS CATEGORY III REQUIREMENTS IN THE GENERAL EDUCATION CURRICULUM

04. NATURAL SCIENCES (11 HRS)
- 01 BSC 250, BSC 250L
- 02 BSC 251, BSC 251L
- 03 NFS 362 - REQUIRED

05. HUMAN WELLNESS (1 HR)
- 01 HPR 105

06. MAJOR CORE REQUIREMENTS (20-21 HRS)
- 01 HPR 301, HPR 301L
- 02 HPR 308, HPR 308L
- 03 HPR 309 OR HPR 311
- 04 HPR 423, HPR 423L
- 05 HPR 470
- 06 PSY 360

STUDENTS SELECTING THE ATHLETIC TRAINING SPECIALIZATION SHOULD COMPLETE THE FOLLOWING REQUIREMENTS (43 HRS)
- 07 HPR 218
- 08 HPR 219
- 09 HPR 274
- 10 HPR 354L
- 11 HPR 355L
- 12 HPR 371
- 13 HPR 372, HPR 372L
- 14 HPR 374
- 15 HPR 375
- 16 HPR 378, HPR 378L
- 17 HPR 454L
- 18 HPR 455L
- 19 HPR 472L
- 20 HPR 475
- 21 HPR 479
- 22 MIS 201, MIS 202
- 23 GENERAL ELECTIVES: SEE ADVISER TO SELECT COURSES NEEDED TO COMPLETE MINIMUM NUMBER OF HOURS REQUIRED IN THE PROGRAM.

STUDENTS SELECTING THE EXERCISE SCIENCE SPECIALIZATION SHOULD COMPLETE THE FOLLOWING REQUIREMENTS (56 HRS)
- 07 CHE 106, CHE 106L
- 08 CHE 107, 107L OR CHE 251, 251L
- 09 HPR 202
- 10 HPR 302
- 11 HPR 304
- 12 HPR 310
- 13 HPR 370
- 14 HPR 411
- 15 HPR 406
- 16 HPR 408
- 17 HPR 409
- 18 HPR 422
- 19 HPR 496
- 20 CHS 437 OR CHS 438
- 21 MIS 201, 202, 203 OR CSC 100
- 22 NFS 367 OR NFS 362
- 23 PSY 432
- 24 GENERAL ELECTIVES: SEE ADVISER TO SELECT COURSES NEEDED TO COMPLETE MINIMUM NUMBER OF HOURS REQUIRED IN THE PROGRAM.

A Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

RECREATION ADMINISTRATION
PACE Degree Plan (HD1)

01. REASONING AND COMMUNICATIONS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101 OR HIGHER LEVEL
- 03 SCM 111 OR SCM 320

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100
- 02 HIS 101 AND HIS 102
- 03 ENG 203

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 PSY 110
- 02 HPR 200
- 03 SELECT 3 HOURS FROM COURSES DESCRIBED AS CATEGORY III REQUIREMENTS IN THE GENERAL EDUCATION CURRICULUM

04. NATURAL SCIENCES (11 HRS)
- 01 SELECT 2 LAB SCIENCES APPROVED UNDER THE GENERAL EDUCATION CURRICULUM
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HOURS FROM THE GENERAL EDUCATION CURRICULUM

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167 OR NFS 362
- 02 HPR 105

06. MAJOR CORE REQUIREMENTS (70-72 HRS)
- 01 HPR 200
- 02 HPR 201
- 03 MIS 201
- 04 MIS 202
- 05 COMPLETE 3 HOURS FROM COURSE HPR 210
- 06 MGT 300
- 07 ENG 333
- 08 HPR 309 OR HPR 311, HPR 311L
- 09 HPR 322
- 10 HPR 323
- 11 HPR 336
- 12 HPR 344
- 13 HPR 351
- 14 HPR 400
- 15 HPR 413
- 16 HPR 415
- 17 HPR 417
- 18 HPR 424
- 19 HPR 433
- 20 HPR 434
- 21 HPR 436
- 22 HPR 447
- 23 HPR 495
- 24 SELECT 2 HOURS OF ADVISER APPROVED HPR ACTIVITY COURSES

STUDENTS SELECTING THE OUTDOOR RECREATION SPECIALIZATION SHOULD COMPLETE THE FOLLOWING REQUIREMENTS (12 HRS)
- 25 HPR 443
- 26 GHY 370 OR ESC 301
- 27 GHY 101
- 28 CJ 341
- 29 GENERAL ELECTIVES: SEE ADVISER TO SELECT COURSES NEEDED TO COMPLETE MINIMUM NUMBER OF HOURS REQUIRED IN THE PROGRAM

STUDENTS SELECTING THE COMMUNITY RECREATION SPECIALIZATION SHOULD COMPLETE THE FOLLOWING REQUIREMENTS (6 HRS)
- 25 HPR 390
- 26 PS 370
- 27 GENERAL ELECTIVES: SEE ADVISER TO SELECT COURSES NEEDED TO COMPLETE MINIMUM NUMBER OF HOURS REQUIRED IN THE PROGRAM

STUDENTS SELECTING THE COMMERCIAL RECREATION SPECIALIZATION SHOULD COMPLETE THE FOLLOWING REQUIREMENTS (15 HRS)
- 25 HPR 444
- 26 HPR 464
- 27 HM 483
- 28 ACC 200
- 29 MKT 300
- 30 GENERAL ELECTIVES: SEE ADVISER TO SELECT COURSES NEEDED TO COMPLETE MINIMUM NUMBER OF HOURS REQUIRED IN THE PROGRAM

A Minimum of 128-131 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

THERAPEUTIC RECREATION
PACE Degree Plan (HD2)

01. REASONING AND COMMUNICATIONS (12 HRS)
- 01 ENG 101, ENG 102
- 02 SCM 305 OR SCM 330
- 03 MAT 101 OR HIGHER LEVEL

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100
- 02 HIS 101, HIS 102
- 03 ENG 203

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 PSY 110
- 02 CHS 101
- 03 PSY 375

04. NATURAL SCIENCES (11 HRS)
- 01 BSC 250, BSC 250L
- 02 BSC 251, BSC 251L
- 03 SCIENCE OR MATH ELECTIVE: 3 - 4 HOURS FROM THE GENERAL EDUCATION CURRICULUM.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167 OR NFS 362
- 02 HPR 105

06. MAJOR REQUIREMENTS (86-88 HRS)
- 01 HPR 200
- 02 HPR 201
- 03 MIS 201
- 04 MIS 202
- 05 COMPLETE 3 HOURS FROM COURSE HPR 210
- 06 HPR 301, HPR 301L OR HPR 308, 308L
- 07 HPR 309 OR HPR 311, HPR 311L
- 08 ENG 333
- 09 HPR 322
- 10 HPR 323
- 11 HPR 336
- 12 PSY 331
- 13 HPR 350
- 14 HPR 351 OR HPR 452
- 15 HPR 400
- 16 HPR 411
- 17 HPR 413
- 18 HPR 415
- 19 HPR 417
- 20 HPR 434
- 21 HPR 436
- 22 PSY 436
- 23 HPR 450
- 24 HPR 451
- 25 HPR 453
- 26 HPR 495
- 27 SELECT 2 COURSES FROM HPR 351, HPR 452, HPR 477, PSY 312, PSY 435, SOC 450, CHS 425, CHS 427, CHS 460
- 28 MTC 201

A Minimum of 132-134 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

SOCIAL WORK
PACE Degree Plan (HU0)

01. REASONING AND COMMUNICATION SKILLS (15 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101 OR HIGHER LEVEL
- 03 SCM 111 OR SCM 305 OR SCM 330
- 04 CSC 100

02. HUMANITIES AND FINE ARTS (24 HRS)
- 01 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100
- 02 ENG 203
- 03 HIS 101 AND HIS 102
- 04 SELECT 3 HOURS FROM COURSES ENG 300, ENG 332, ENG 333
- 05 SELECT 6 HOURS FROM DEPT OF FL SPA 101 AND SPA 102 RECOMMENDED
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 SOC 101
- 02 PSY 110
- 03 PS 101 OR ECO 201

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 BSC 107, BSC 107L AND
- 02 SELECT 1 LAB SCIENCE APPROVED UNDER THE GENERAL EDUCATION CURRICULUM
- 03 CATEGORY IV SCIENCE ELECTIVE

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. MAJOR AREA OF STUDY (66 HRS)
- 01 SWK 230
- 02 SWK 300
- 03 SWK 315
- 04 SWK 340
- 05 SWK 341
- 06 SWK 329
- 07 SWK 330
- 08 SWK 331
- 09 SWK 400
- 10 SWK 420
- 11 SWK 430
- 12 SWK 431
- 13 SELECT 9 HOURS FROM COURSES SWK 391, SWK 492, SWK 494, SWK 496, SWK 497
- 14 PSY 360
- 15 SELECT 6 HOURS FROM COURSES SOC 240, SOC 314,SOC 424, SOC 450
- 16 SELECT 6 HOURS FROM COURSES PSY 375, PSY 436, PSY 450, PSY 456

07. GENERAL ELECTIVES (7 HRS)
- 01 GENERAL ELECTIVES: SEE ADVISER TO SELECT COURSES NEEDED TO COMPLETE MINIMUM NUMBER OF HOURS REQUIRED IN THE PROGRAM

A Minimum of 134 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

COMMUNITY HEALTH SCIENCES
PACE Degree Plan (H00)

01. REASONING AND COMMUNICATION (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101 OR HIGHER LEVEL
- 03 SCM 111 OR SCM 305 OR SCM 330 OR SCM 320

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100
- 02 ENG 203
- 03 HIS 101 AND HIS 102

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)
- 01 SOC 101
- 02 PSY 110, PSY 110L
- 03 CHS 101

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 BSC 250, BSC 250L
- 02 BSC 251, BSC 251L
- 03 NFS 362

05. HUMAN WELLNESS (1 HR)
- 01 HPR 105

06. MAJOR AREA OF STUDY (18 HRS)
- 01 ENG 333
- 02 CHS 210
- 03 CHS 408
- 04 CHS 420
- 05 CHS 422
- 06 CHS 430

PLUS:

HEALTH PROMOTION CONCENTRATION REQUIREMENTS (46 HRS)
- 01 CHS 321
- 02 CHS 409
- 03 CHS 412
- 04 CHS 436
- 05 CHS 438
- 06 CHS 440
- 07 CHS 493 (6 HRS)
- 08 PSY 432
- 09 PSY 450
- 10 MKT 300
- 11 HPR 308 AND HPR 308L (4 HRS)
- 12 CHOOSE 9 HRS CHS ELECTIVES
- 13 CHOOSE 19 HRS GENERAL ELECTIVES

OR:

SCHOOL HEALTH EDUCATION CONCENTRATION REQUIREMENTS (45 HRS)
- 01 CHS 310 (1 HR)
- 02 CHS 409
- 03 CHS 411
- 04 CHS 412
- 05 CHS 415
- 06 CHS 494 (7 HRS)
- 07 CHS 495 (7 HRS)
- 08 REF 400
- 09 REF 469
- 10 SPE 400
- 11 PSY 374
- 12 PSY 372
- 13 PSY 370
- 14 CHOOSE 21 HRS GENERAL ELECTIVES

OR:

HEALTH EDUCATION AND COACHING CONCENTRATION REQUIREMENTS (45 HRS)
- 01 CHS 310
- 02 CHS 494
- 03 CHS 495
- 04 REF 400
- 05 REF 469
- 06 SPE 400
- 07 PSY 374
- 08 HPR 307
- 09 HPR 309
- 10 HPR 405
- 11 HPR 409
- 12 HPR 470
- 13 HPR 306
- 14 HPR 308, 308L
- 15 HPR 370
- 16 CHOOSE FOUR FROM: HPR 324, 325, 327, 340, 341, 362, 416, 418, 427, 428, OR 429
- 17 HPR 419

A Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

HOSPITALITY MANAGEMENT
PACE Degree Plan (H61-HBG; H62-GC)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102.
- 02 MAT 101 OR HIGHER LEVEL.
- 03 SCM 111 OR SCM 320 .

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100.
- 02 HIS 101 AND HIS 102.
- 03 ENG 203.

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 FAM 151 OR SOC 101
- 02 PSY 110
- 03 ECO 201 AND ECO 202

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 SELECT 2 LAB SCIENCES APPROVED UNDER THE GENERAL EDUCATION CURRICULUM. (8 HRS)
- 02 NFS 362

05. HUMAN WELLNESS (1 HR)
- 01 HPR 105

06. PROFESSIONAL COURSE REQUIREMENTS (11 HRS)
- 01 ACC 200
- 02 MIS 201
- 03 MIS 202
- 04 NFS 272, 272L
- 05 MGT 300

07. PROFESSIONAL COURSE ELECTIVES (12 HRS)
- 01 PHI 300
- 02 MKT 300
- 03 FIN 300
- 04 MIS 300
- 05 SCM 305
- 06 SCM 330
- 07 PSY 360
- 08 MGT 454
- 09 MGT 475
- 10 BTE 480
- 11 FAM 475
- 12 FL 401 OR A 3 HR FOREIGN LANGUAGE CREDIT APPROVED UNDER THE GENERAL EDUCATION CURRICULUM

08. HOSPITALITY MANAGEMENT CORE (31-35 HRS)
- 01 HM 300
- 02 HM 340, 340L
- 03 HM 342
- 04 HM 376
- 05 HM 378
- 06 HM 379 OR HM 479
- 07 HM 380
- 08 HM 445
- 09 HM 481
- 10 HM 482
- 11 HM 483

09. HOSPITALITY MANAGEMENT ELECTIVES (8-9 HRS)
- 01 HM 345
- 02 HM 375
- 03 HM 385
- 04 HM 440, 440L
- 05 HM 441
- 06 HM 484
- 07 HM 485
- 08 HM 494

10. ELECTIVES (13-17 HRS)
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

A Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

College of International and Continuing Education

Academic and Continuing Education Offerings

2000-2001

School/Dept./Prog.	Major/Emphasis	Degree
GEOGRAPHY AND PLANNING		
	COMMUNITY PLANNING AND DEVELOPMENT* (P)** ***	BA, BS
	GEOGRAPHY*	BA, BS
	Geographic Information Technology Emphasis	
CONTINUING EDUCATION (P)**		
ENGLISH LANGUAGE INSTITUTE (P)**		
INTERNATIONAL EDUCATION (P)**		

*Minor available
**(P) Programs
***Certificate programs available

College of International and Continuing Education

Tim W. Hudson, Dean
Mark Miller, Associate Dean
Hattiesburg, MS 39406-0047
(601-266-4344

In February 1991, the Center for International Education and the Division of Lifelong Learning were combined to form the College of International and Continuing Education. In September 1998, the academic Department of Geography and Planning was moved from Liberal Arts into the College. At this time a new Department of Economic Development was established, which houses a MS program in Economic Development and a Ph.D. program in International Development (consult the Graduate Bulletin for information on graduate programs). The College is an administrative entity under the Office of the Provost, and operationally divided into the undergraduate academic areas of geography and planning, the Center for International Education, and Continuing Education.

The mission of the College of International and Continuing Education is fourfold. First, to prepare individuals for the opportunity of entering the work place in the professional and applied academic fields of geography, geographic techniques, and community planning. Second, to serve as liaison between the University's academic programs and the community at large through continuing education. Third, to coordinate international admissions and student services, and administer the University's extensive Study Abroad program. And fourth, to provide intensive English instruction for international students.

Academic Programs

The following College and University core requirements must be completed for the Bachelor of Arts and Bachelor of Science degrees in either geography or planning.

General Education Requirements for the Bachelor of Arts and Bachelor of Science Degrees in the College of International and Continuing Education

I. Reasoning and Communication Skills (12 hours)

ENG 101, 102 6
MAT 101 3
SCM 111, 305, or 330 3

II. Humanities and Fine Arts (18-33 hours*)

ENG 203 3
Fine Arts (AA 100, ART 130, MUS 365, DAN 107, or THE 100) 3
Foreign Language for BA degree only (see discussion, next page) 12
HIS 101, 102 6
Humanities Elective 6
Three hours chosen from any of the following: AMS 304, 404; ENG 200, 201, 202, 350, 351, 370, 371; HIS 201, HIS 202; RTF 170
PHI 151 or REL 131 3

III. Social and Behavioral Sciences (12 hours)

Choose from four of the following disciplines: ANT 101, 221; ECO 201; GHY 101, 102, 331, 341; PS 101, 201, 321, 331; PSY 110/L; SOC 101, 240, 314

IV. Natural and Applied Sciences (11 hours)

Laboratory Science (recommended courses include AST 111/L, AST 112/L, BSC 103/L, CHE 104/L, GLY 101/L; but any Category IV Laboratory Science course will suffice) 8
Science or Mathematics Elective (recommended courses include ANT 241, ESC 301, NFS 362, GHY 325; but any Category IV Elective will suffice) 3

V. Human Wellness (2 hours)

NFS 167 1
HPR 105 1

Standards for Admission and Transfer

High school graduates and transfer students from other accredited colleges or universities may be admitted directly to the College and to their chosen major program. Students desiring to transfer to the College from another college within The University must be in good academic standing; normally they must present a minimum GPA of 2.0 in order to be admitted to a major program. Students entering the college will be assigned to an appropriate faculty member for academic advisement.

Foreign Language Requirements

The Bachelor of Arts degree offered by the College requires proficiency in a foreign language, to be chosen from among those offered by the Department of Foreign Languages and Literatures. Normally twelve (12) hours of beginning and intermediate foreign language instruction are required, through course level 202. Students are encouraged to begin their study of foreign language during the first semester of their freshman year, and encouraged to participate in an overseas immersion experience.

Students with previous experience in languages (such as courses from high school or community college) may satisfy this requirement through advanced placement in as few as six hours (course level 201, 202). Course credit for previous work in language may be acquired through the CLEP examination; for details contact Department of Foreign Languages (phone: 266-4964) or the CLEP officer in Admissions (phone: 266-4508). With approval of the department chair and the dean, international students may use their native language as an exemption from this requirement.

Study Abroad

(See Office of International Programs below.)

PACE Office

Joan Brashears, PACE Advisement Supervisor
Hattiesburg, MS 39406-5123
(601) 266-5616

The College makes full use of the Programmed Academic Curriculum Evaluation (PACE) program in advising. The college believes that the contact between student and adviser is a vital one, and the PACE program facilitates a maximum use of these hours spent together in conference. The University and College core PACE requirements are listed above; requirements for the major, minor, and electives are listed under the two academic programs outlined below.

Department of Geography and Planning

Robert W. Wales, Chair
Hattiesburg, MS 39406-5051
(601) 266-4729

Harrison, McKee, Panton, D. Williams (See Economic Development in Graduate Bulletin for T. Hudson, Kolzow, M. Miller, and Swager.)

Career opportunities in city and community planning, human resources analysis, climatology, cartography, computer mapping, geographic information systems, remote sensing, and teaching are available through several professional degree programs. An emphasis area in Geographic Information Technology is also available, requirements for which are listed in a separate section of the Bulletin. The department's undergraduate programs also provide preparatory work for professional positions in economic and industrial development where a master's degree may be required. Consult the Graduate Bulletin for information on graduate programs in both economic development and geography.

Undergraduate courses in geography may be categorized as follows: regional (400 through 408 sequence), techniques (410 through 417), and topical (remaining courses numbered above 300). Planning courses are prefixed with a PLG and described under the heading Planning in the Course Description section of this Bulletin.

Students entering the Department of Geography and Planning will major in one of four degree-granting programs offered through the department. These include:

1. Bachelor of Arts and Bachelor of Science in Geography
2. Bachelor of Arts and Bachelor of Science in Community Planning and Development

Geography Program

A student majoring in geography will work toward the Bachelor of Arts or Science degree. The student, working closely with an adviser, will tailor the course work to fit his or her career goal. All students pursuing a major in geography must complete the following requirements, which include a minimum of thirty-six (36) hours in the department and a minor or related electives:

	Hours
General Core for the College of International and Continuing Education (including GHY 101 or 102)	55-67
Professional Requirements:	
GHY 331 and 350 or 362	6
GHY 325/L and 326 or 327	7
GHY 410/L, and one other 300/400-level GHY techniques course	7-8
Electives in GHY (may include 101 and 102)	18-20
Minor or Related Electives	18
Electives	5-17
	Total: 128

Teacher Licensure

Students seeking teacher certification in geography should do so through the Department of History, which offers a certification program in social studies. Such students may wish to pursue a double major in history and geography.

Requirements for an Emphasis in Geographic Information Technology

This is an emphasis area within the BS/BA degree programs and prepares students for professional employment or graduate study in fields applying computerized methods of geographic data analysis. Majors emphasizing cartography, remotely sensed image interpretation, and Geographic Information Systems (GIS) will meet Federal Civil Service Commission qualification standards under the job title Cartographer. These same standards also qualify graduates for entry into the job market wherever geographic information is being used in the public or private sector.

	Hours
General Core for the College of Liberal Arts	55-67
Geography Core:	
GHY 325/L, 326 or 327, 331, 350 or 362	13
Emphasis Area Requirements:	
GHY 410/L, 411/L, 412/L, 416/L, 417/L, 418/L, 415 or BA 301, CSS 240 or 330 or 404	27
Minor or Related Electives (chosen with consent of student's academic adviser)	18
Electives	3-15
	Total: 128

Requirements for a Minor in Geography

Students minoring in geography must complete eighteen (18) hours including GHY 101 or 102. Six (6) hours should be taken from two of the following three groups of courses: regional (400 through 409), techniques (410 through 417), or topical (remaining courses numbered 300 and above). The remaining nine (9) hours can be chosen from courses numbered 300 and above.

PACE Degree Plans

	Page
Geography	201
Geographic Information Technology	202

The Community Planning and Development Program

Hattiesburg, MS 39406-5051
(601) 266-4729

The purpose of the program is to develop versatile professional planners with skills and knowledge applicable in both the public and private sectors. The interdisciplinary curriculum provides an understanding of the various factors and processes which impact community growth and change, including economic, social, and environmental factors. In addition to developing critical analytical skills, the design of the program allows for development of applied technical skills. Each student also gains practical experience during a professional internship. For those students seeking to pursue advanced studies, the program provides preparation for a variety of graduate and professional schools.

Students who are interested in community planning and development but do not elect to complete the major may choose to minor in the area or complete a certificate program. The certificate program enables students from any discipline to develop a specialty in one of the following aspects of community planning and development: land development and planning, tourism planning and development, and environmental planning and development.

Requirements for a Major in Community Planning and Development

A student majoring in Community Planning and Development will work toward a Bachelor of Arts or Science degree. The student will work closely with an adviser to tailor a program to meet his or her career goals. All students pursuing a major in Community Planning and Development must complete the following requirements:

	Hours
General Core for the College of International and Continuing Education	55-67
Planning and Development Core:	
PLG 360, PLG 450, PLG 461, PLG 463, PLG 464, PLG 465, PLG 469, PLG 462 or PLG 466, PLG 491, (GHY 416, GHY 416L) OR (GHY 417, GHY 417L), GHY 411, GHY 411L OR GHY 325, GHY 325L, REI 330, GHY 415 OR OTHER APPROVED SIMILAR QUANT COURSE. STUDENTS MUST DEMONSTRATE COMPUTER SKILL PROFICIENCY OR TAKE ONE OF THE FOLLOWING COURSES: CSC 100 OR MIS 201	40
Electives (chosen with the consent of the student's academic adviser)	19-33
	Total: 128

Depending on the student's interest, six or more courses should be selected to complete a minor in an appropriate area (examples include political science, environmental sciences, international studies, economics, geography, tourism management). Students may also complete a certificate program as described in the following section.

Requirements for a Minor in Community Planning and Development

To obtain a minor in Community Planning and Development, the students must complete eighteen (18) hours of planning and related courses. PLG 360 and PLG 465 must be included.

Requirements for a Certificate Program

The certificate program is open to any USM student, regardless of major. Each certificate requires fifteen hours of course credits in a specialty area. An application can be obtained from the Community Planning and Development Program Director.

Land Development and Planning Certificate

The development of land and the amount and pattern of urban growth is influenced by many factors including how government organizations approach the land use planning process. This certificate program provides an understanding of the relationships between urban growth and the land development planning process, including the various tools and techniques used in planning and development. The certificate would benefit those wishing to learn more about the impacts of public-sector planning policies and practices on the private-sector property development process.

Required course:
PLG 360 Introduction to Community Planning and Development
PLG 461 Planning and Development Law
PLG 464 Physical Infrastructure for Planning and Development
PLG 465 Land Use Planning and Policy
REI 330 Real Estate Principles

Environmental Planning and Policy Certificate

How are environmental choices made? What tools, techniques, and ways of thinking provide insight into the debates surrounding environmental issues? The course work in this program focuses on these and other questions concerning the dynamics between natural and human systems. Whatever the student's major or profession, environmental issues are impacting many aspects of daily life--whether real estate development, public administration, tourism development, construction technology, or community planning, chances are that environmental laws, issues, or policies will be a concern.

Required courses:
PLG 462 Environmental Planning and Policy
PLG 461 Planning and Development Law **or** CJ 431 Environmental Law
ESC 301 Living in the Environment

Electives: Select two depending on interests
PHI 457 Environmental Ethics
BIO 436/L Conservation Biology
GHY 370 Conservation of Natural Resources
GHY 473 Water Resources
ESC 405 Environmental Impact Statements
GLY 306 Environmental Geology (also taught in Jamaica)
PLG 360 Introduction to Community Planning and Development

Tourism Planning and Development Certificate

Tourism and related activities are among the largest industries in the world. This program is designed to give participants interdisciplinary training in the many facets of planning and developing tourism. Courses provide insight into the role and interaction of the public and private sectors in tourism. Five courses must be completed:
PLG 360 Introduction to Community Planning and Development
PLG 466 Economic Development Seminar in Tourism Planning and Development **or**
HRT 483 Dimensions of Tourism
ANT 437 Archaeology and Public Policy (includes management of cultural resources) **or**
HPR 447 Interpretation of Cultural and Natural Resources

Electives: Select two depending on interests
PLG 462 Environmental Planning
GHY 489 Caribbean Studies (taught in Jamaica, includes tourism development, eco-tourism)
HRT 490 International Studies in Hotel, Restaurant, and Tourism Management (taught in the British Isles)
HRT 494 Tourism Destination Development
MKT 458 Promotion Management
HPR 436 Park and Recreation Planning
HPR 464 Issues in Commercial Recreation

PACE Degree Plan

Page
Community Planning and Development 200

Center for International Education

Box 10047
Hattiesburg, MS 39406-0047
U.S.A.
(601) 266-4344
FAX (601) 266-5699

The Center for International Education administers all programs bringing international students to USM and coordinates all programs sending USM students abroad for academic credit. In addition, the Center strives to promote a spirit of internationalism on the USM campuses; to assist academic departments in the internationalization of curriculum; to encourage student, faculty, and library development in the international sphere; and to assist business and government in projects of an international nature.

The Center is comprised of three components: the English Language Institute, the Office of International Student Affairs, and the Office of International Programs.

English Language Institute

Audrey D. Blackwell, Director
Box 5065
Hattiesburg, MS 39406-5065
U.S.A.
(601) 266-4337
FAX (601) 266-5723
e-mail: eli@usm.edu
website:www-dept.usm.edu/~cice/eli

The English Language Institute (ELI) delivers quality intensive English instruction for international students. The program, which accommodates students from beginning to advanced language proficiency, is administered by a professional, experienced faculty dedicated to providing ESL instruction via proven methodology.

The ELI fosters cross-cultural awareness within the university and the community by offering ELI students opportunities of interaction with native English speakers both on and off campus.

Founded in 1947, it is among the oldest language institutes in the United States and is authorized under Federal law to enroll non-immigrant alien students.

Office of International Student Affairs

Barbara Whitt Jackson, Director
Box 5151
Hattiesburg, MS 39406-5151
U.S.A.
(601) 266-4841
FAX (601) 266-5839
website: www.isa.usm.edu
e-mail: isa@usm.edu

The Office of International Student Affairs (ISA) coordinates all facets of international admissions and student services. The ISA provides counseling on immigration regulations, personal matters, culture shock and adjustment, as well as some academic counseling in conjunction with the various departments. The Office processes all international applications, evaluates foreign academic credentials and issues the appropriate immigration documents for the non-immigrant foreign student. Multi-cultural programming for the international students and the community is also coordinated by the ISA.

The ISA Office disseminates USM information to foreign schools, U.S. embassies and consulates abroad, and non-profit international organizations (such as the Institute for International Education).

This Office also provides information to and immigration documents for research scholars invited by various USM departments to participate in limited research opportunities.

Office of International Programs

Susan Steen, Director
Box 10047
Hattiesburg, MS 39406-0047
U.S.A.
(601) 266-4344, 266-5147
FAX (601) 266-5699
e-mail: oip@usm.edu

The Office of International Programs administers a variety of programs providing USM students both long-term and short-term opportunities to study abroad for academic credit. Summer-term programs offering regular USM academic credit include:

The British Studies Program, a summer term in London in which USM functions as the academic and logistical linchpin for an 11-school consortium comprised of the University of South Alabama, The University of Memphis, Hinds Community College, Midwestern State University, Texas A&M. University–Commerce, The University of Louisiana–Monroe, Southeastern Louisiana University, Mississippi College, Henderson State University, Methodist College, and Texas Tech University.

The Austrian Studies Program in Vienna, Austria
The Australian/New Zealand Studies Program
Bangladesh Community Health Program
The Caribbean Studies Program in Jamaica
The Contemporary French Culture and History Program
The French Photography Program
The Cuban Studies Program in Havana and Varadero, Cuba
Das Treffen Music and Performing Arts Festival in Germany
The Irish Studies Program
The Italian Studies Program
The Mexican Studies Program
The Scotland Theatre Experience
The Spanish Language Program in Cuernavaca, Mexico
The Spanish Language Program in Madrid and Nerja, Spain
Spain: Business and Language Program

Other academic study abroad programs coordinated by this office are–

Semester- and year-abroad exchanges:
Macquarie University, Sydney, Australia
University of Victoria, Canada
Keele University, Stoke-on-Trent, England
Ecole Supérieure du Commerce Extérieur, France
University of Bonn, Germany
University of the Yucatán, Merida, Mexico
University of Alcalá de Henares, Madrid, Spain
University of Wales, Swansea

A summer internship program in Britain coordinated by the University of Wales, Swansea

A student practice teaching program in England for education majors.

The transatlantic Summer Academy program for Politics/International Studies majors in Bonn, Germany

Continuing Education and Distance Learning

Sue Pace, Director
Box 5055
Hattiesburg, MS 39406-5055
(601) 266-4210
email: sue.pace@usm.edu

USM Continuing Education functions to complement The University of Southern Mississippi's overall mission of teaching, research and service. By serving as liaison between the University and the community at large, the Department extends access to the educational programs of the institution, through multiple delivery systems, to individuals at various stages of their lives and careers for intellectual, professional, social and cultural advancement.

Continuing Education acts in partnership with the academic colleges to link faculty expertise and resources with the needs of the University's clients and constituencies. In this role, Continuing Education serves as an agent for opportunity, innovation and quality.

The Department of Continuing Education and Distance Learning accomplishes its mission by providing educational opportunities in settings and formats that broaden the University's traditional modes of delivery.

Credit and Distance Learning: The Office of Credit Programming and Distance Education has the responsibility of coordinating and administering all credit intensive, weekend, intersession, and extension courses. Included, too, are courses available on the Internet and select courses using compressed interactive video. Courses offered through this office are the result of collaborative relationships with the University's academic departments. In addition, academic courses may be arranged in a format and location to meet the specific needs of governmental, business, industrial, and educational groups.

Noncredit: Noncredit Programming maintains responsibility for a diversity of programming which serves as liaison between the University and the community. This office coordinates and administers the logistical details for all noncredit conferences, institutes, workshops, clinics, camps, short courses, and special training programs sponsored through the University. The office also provides convention and annual meeting coordination assistance to professional associations, fraternal organizations, and other education groups. A **Listener's License Program** is available which enables individuals to utilize University resources by observation within the academic class setting on a non-participating basis. The **Continuing Education Unit (CEU)**, also offered through Noncredit Programming, is a nationally recognized unit of measure for non-credit continuing education programs. It is designed to document learning experiences which are valid in their own right, but differ from experiences for which academic credits are traditionally awarded.

Independent Study: Through independent study, a student may earn up to thirty-two hours of undergraduate university credit or one complete unit of high school credit. A complete **high school curriculum** and a wide variety of **university-level course offerings** are available.

Independent study allows the student to earn credit through the advantages of home study. These courses are particularly suited to the needs of the student who is unable to attend the University on a regular schedule.

Institute for Learning in Retirement. The Institute for Learning in Retirement is an association of active women and men, 50 years of age or older, who seek to explore stimulating learning experiences while developing new friendships.

In the world of change and complexity, the Institute brings insight and perspective to interested - and interesting - adults who wish to pursue activities of the mind in an informal and supportive environment.

The Institute's program recognizes that a growing number of adults are adventuresome, active, and intellectually curious. The cornerstone is peer-learning and shared responsibility. The strength of the program is that it is self-directed and run for and by the members. It draws on members' talents and experiences as instructors, facilitators, and leaders.

COMMUNITY PLANNING AND DEVELOPMENT (*BA, BS)

PACE Degree Plan (CH4)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (18-30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 HIS 101 AND HIS 102
- 04 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 05 PHI 151 OR REL 131
- *06 CANDIDATES FOR THE BA MUST SELECT AT LEAST 12 HRS OF ANY ONE FOREIGN LANGUAGE. FOREIGN LANGUAGE IS NOT REQUIRED OF STUDENTS PURSUING THE BS.

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES (MAXIMUM OF 3 HOURS PER DEPT): ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: (3 - 4 HRS.) SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES. RECOMMENDED ARE: ANT 241, ESC 301, NFS 362, GHY 325.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

07. MAJOR REQUIREMENTS (40 HRS)
- 01 PLG 360, PLG 450, PLG 461, PLG 463, PLG 464, PLG 465, PLG 469, PLG 462 OR PLG 466, PLG 491
- 02 GHY 416/L OR GHY 417/L
- 03 GHY 410/L OR GHY 411/L OR GHY 325/L
- 04 GHY 415 OR OTHER APPROVED SIMILAR COURSE
- 05 REI 330

08. ELECTIVES (19-33 HRS.)
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

GEOGRAPHY (*BA, BS)

PACE Degree Plan (CJ0)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (18-30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 HIS 101 AND HIS 102
- 04 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 05 PHI 151 OR REL 131
- *06 CANDIDATES FOR THE BA MUST SELECT AT LEAST 12 HRS OF ANY ONE FOREIGN LANGUAGE. FOREIGN LANGUAGE IS NOT REQUIRED OF STUDENTS PURSUING THE BS.

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES (MAXIMUM OF 3 HOURS PER DEPT): ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: (3 - 4 HRS.) SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES. RECOMMENDED ARE: ANT 241, ESC 301, NFS 362, GHY 325.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

07. MAJOR REQUIREMENTS (36 HRS)
- 01 GHY 331
- 02 GHY 325, GHY 325L
- 03 GHY 410
- 04 GHY 350 OR GHY 362
- 05 GHY 326 OR GHY 327
- 06 SELECT 1 TECHNIQUES COURSE GHY 411 - 417, WITH LAB WHERE REQUIRED
- 07 SELECT 15-16 HRS FROM DEPT OF GHY

11. ELECTIVES (24-36 HRS)
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

GEOGRAPHIC INFORMATION TECHNOLOGY (*BA, BS)

PACE Degree Plan (CJ1)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (18-30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 HIS 101 AND HIS 102
- 04 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 05 PHI 151 OR REL 131
- *06 CANDIDATES FOR THE BA MUST SELECT AT LEAST 12 HRS OF ANY ONE FOREIGN LANGUAGE. FOREIGN LANGUAGE IS NOT REQUIRED OF STUDENTS PURSUING THE BS.

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES (MAXIMUM OF 3 HOURS PER DEPT): ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: (3 - 4 HRS.) SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES. RECOMMENDED ARE: ANT 241, ESC 301, NFS 362, GHY 325.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

07. MAJOR REQUIREMENTS (40 HRS)
- 01 GHY 331
- 02 GHY 325, GHY 325L
- 03 GHY 326 OR GHY 327
- 04 GHY 350 OR GHY 362
- 05 (GHY 410, GHY 410L) (GHY 411, GHY 411L) ,(GHY 412, GHY 412L), (GHY 416, GHY 416L), (GHY 417, GHY 417L), (GHY 418, GHY 418L)
- 06 GHY 415 OR PSY 310 OR SOC 460
- 07 CSS 240 OR CSS 330 OR CSS 404

11. ELECTIVES (21-33 HRS)
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

College of Liberal Arts

Academic Offerings

2000-2001

School/Dept./Prog.	Major/Emphasis	Degree
SCHOOL OF COMMUNICATION		
ADVERTISING (P)* **		
	ADVERTISING*	BA
COMMUNICATION (P)* **		
	COMMUNICATION	BA
JOURNALISM		
	JOURNALISM*	BA
	News-Editorial Emphasis	
	Public Relations Emphasis	
RADIO, TELEVISION, AND FILM		
	RADIO, TELEVISION, AND FILM*	BA
	Broadcast Journalism Emphasis	
	Film Emphasis	
	Radio-Television Production Emphasis	
SPEECH COMMUNICATION		
	SPEECH COMMUNICATION*	BA
SCHOOL OF LIBRARY AND INFORMATION SCIENCE		
	LIBRARY AND INFORMATION SCIENCE*	BA
AEROSPACE STUDIES (AIR FORCE R.O.T.C.)		
AMERICAN STUDIES (P)* **		
	AMERICAN STUDIES*	BA
ANTHROPOLOGY AND SOCIOLOGY		
	ANTHROPOLOGY*	BA
	SOCIOLOGY*	BA
CRIMINAL JUSTICE		
	CRIMINAL JUSTICE*	BA
	Juvenile Justice Emphasis	
ECONOMICS (P)* **		
	ECONOMICS*	BA
ENGLISH		
	ENGLISH*	BA
FOREIGN LANGUAGES AND LITERATURES		
	FOREIGN LANGUAGES*	BA
GENERAL STUDIES (P)* **		
HISTORY		
	HISTORY*	BA
HUMANITIES		
	(HUMANITIES)**	

INTERNATIONAL STUDIES (P)* **		
	INTERNATIONAL STUDIES*	BA
MILITARY SCIENCE (ARMY R.O.T.C.)		
PARALEGAL STUDIES (P)* **		
	PARALEGAL STUDIES*	BA
PHILOSOPHY AND RELIGION		
	PHILOSOPHY*	BA
	(RELIGION)**	
POLITICAL SCIENCE		
	POLITICAL SCIENCE*	BA
SPEECH AND HEARING SCIENCES		
	EDUCATION OF THE DEAF*	BA
	SPEECH-LANGUAGE PATHOLOGY AND AUDIOLOGY*	BA
WOMEN'S STUDIES		
	(WOMEN'S STUDIES)**	

*Minor available
**Minor only
***(P) Programs

College of Liberal Arts

Glenn T. Harper, Dean
Stanley R. Hauer, Associate Dean
Hattiesburg, MS 39406-5004
(601) 266-4315

Mission and Organization

The College of Liberal Arts offers a wide range of academic majors in communication, the humanities, social sciences, and related disciplines. All major programs in the College award the Bachelor of Arts (B.A.) degree.

As the chart of academic offerings on the previous pages shows, the College of Liberal Arts is organized into two schools and fourteen departments, plus several interdisciplinary programs. In the sections below, the two schools (Communication and Library and Information Science) are presented first, with the constituent departments and programs of the School of Communication listed there. Then follow the remaining units in alphabetical order.

The collegiate general curriculum is listed below; this core curriculum is the foundation upon which a liberal education is based, encouraging students to think logically and creatively, communicate effectively, and write clearly. These are skills essential to any modern professional career. At the same time, students enrolled in the College of Liberal Arts are prepared in a special field of expertise, with a major and (usually) a minor, allowing a wide choice of career fields.

In addition, the College offers a two-hour elective course, GS 101 University Success Skills, designed specifically for the new student, providing an orientation to university life and introducing strategies for academic success.

General Education Requirements for the Bachelor of Arts Degree in the College of Liberal Arts

I. Reasoning and Communication Skills (12 hours)

ENG 101, 102 6
MAT 101 3
SCM 111, 305, or 330 3

II. Humanities and Fine Arts (30-33 hours*)

ENG 203 3
Fine Arts (AA 100, ART 130, MUS 365, DAN 107, or THE 100) 3
Foreign Language (see discussion, next page) 12
HIS 101, 102 6
*Humanities Elective(s) 3-6
Three to six hours chosen from any of the following, with no more than three hours from any one discipline: AMS 304, 404; ENG 200, 201, 202, 350, 351, 370, 371; HIS 201, HIS 202; RTF 170
PHI 151 or REL 131 3

III. Social and Behavioral Sciences (12-15 hours*)

Choose from at least four of the following disciplines: ANT 101, 221; ECO 201; GHY 101, 102, 331, 341; PS 101, 201, 321, 331; PSY 110/L; SOC 101, 240, 314

IV. Natural and Applied Sciences (11 hours)

Laboratory Science (recommended courses include AST 111/L, AST 112/L, BSC 103/L, CHE 104/L, GLY 101/L; but any Category IV Laboratory Science course will suffice) 8
Science or Mathematics Elective (recommended courses include ANT 241, ESC 301, NFS 362, GHY 325; but any Category IV Elective will suffice) 3

V. Human Wellness (2 hours)

NFS 167 1
HPR 105 1

*Students completing three hours of humanities electives in Category II should take fifteen hours of social and behavioral sciences (Category III); those completing six hours of humanities electives should take twelve hours of social and behavioral sciences. In the PACE Degree Plans the Humanities/Social Science elective appears in Area 06.

Standards for Admission and Transfer

High school graduates and transfer students from other accredited colleges or universities may be admitted directly to the College of Liberal Arts and to their chosen major programs. Students desiring to transfer to the College of Liberal Arts from another college within The University of Southern Mississippi must be in good academic standing; normally they must present a minimum GPA of 2.0 in order to be admitted to a major program. (Some programs have higher admission standards; see the individual program listings below for specific requirements.) Students entering the college will be assigned to an appropriate faculty member for academic advisement.

Foreign Language Requirements

The Bachelor of Arts degree offered by the college requires proficiency in a foreign language, to be chosen from any one of the following: French, German, Classical Greek, Italian, Japanese, Latin, Russian, or Spanish. (Not all of these languages will be available every year.) Normally twelve (12) hours of beginning and intermediate foreign language instruction are required, through course level 202. Students are encouraged to begin their study of foreign language during the first semester of their freshman year.

Students with previous experience in languages (such as courses from high school or community college) may satisfy this requirement through advanced placement in as few as six hours (course level 201, 202). Course credit for previous work in language may be acquired through the CLEP examination; for details, contact the Department of Foreign Languages and Literatures (phone: 266-4964) or the CLEP officer in Admissions (phone: 266-4508).

With the approval of their department chair and the dean, international students may use their native language as an exemption from this requirement.

Study Abroad

In cooperation with the College of International and Continuing Education, the College of Liberal Arts offers many opportunities to study abroad and strongly encourages its students to take advantage of them. Summer credit-abroad programs are offered in England, Austria, France, Mexico, China, Ireland, Australia, Scotland, Jamaica, Africa, and Spain; moreover, year- and semester-long programs of study are also available, along with a summer internship program in Wales. Academic credit for study abroad may be used to satisfy requirements in the major or minor. Many students find study abroad a good way to complete their language requirement for the B.A. Financial aid may be applied toward the cost of USM's international programs.

For details on the college's study-abroad programs, students should consult their adviser or the College of International and Continuing Education (phone 266-4344).

Teacher Licensure

The College of Liberal Arts offers several programs leading to teacher licensure at the K-12 or secondary level. Requirements for licensure include (1) an ACT composite score of 21 (SAT 860) or higher, with no scale score below 18 upon entrance into college or acceptable scores on the appropriate Praxis I examination; (2) a minimum grade point average on the 44-semester-hour general education core curriculum of 2.65 (for secondary) or 2.5 (for K-12); (3) admission to the teacher education program; (4) a "C" average in Freshman English Composition; (5) completion of 32 hours of professional education courses (PSY 374; REF 400; REF 469; SPE 400; a General Methods course; an Area Methods course; and Student Teaching); (6) a grade of "C" or better in all content courses in the academic major as well as all professional education courses; (7) acceptable scores on the Praxis II examinations (Principles of Learning and Teaching exam and Subject Assessment exam); and (8) fulfillment of major requirements in subject area.

These requirements are subject to modification; for current information students should contact the University's Education Licensure adviser, 116 Owings-McQuagge Hall; phone 266-5522.

The State Department of Education also provides an alternate route to licensure for graduates of an accredited college or university. For details and specific procedures contact:

The Office of Educator Licensure
State Department of Education
Post Office Box 771
Jackson, Mississippi 39205
Telephone: (601) 359-3483

PACE Office

Joan Brashears, PACE Advisement Supervisor
Hattiesburg, MS 39406-5123
(601) 266-5616

The college makes full use of the Programmed Academic Curriculum Evaluation (PACE) program in advising. The college believes that the contact between student and adviser is a vital one, and the PACE program facilitates a maximum use of these hours spent in conference together.

PACE Degree Plans for all the programs of the college are printed in this Bulletin. They list all of the requirements for each program and track the student's progress toward them.

A Note on Total Required Hours: The college and the university require a minimum of 128 credit hours to graduate. A few programs in the college require more than this total number. The PACE Degree Plan enumerates the number of required hours in each area of study. Students should observe, however, that many programs allow an overlapping of certain courses in the general curriculum and the major. Thus the total number of hours required may actually be less than a tally of these area subtotals might indicate.

School of Communication

Gene Wiggins, Director
Hattiesburg, MS 39406-5158
(601) 266-5650

The School of Communication is a separately organized entity within the College of Liberal Arts and is comprised of five programs and departments: Advertising, Communication, Journalism, Radio, Television, and Film, and Speech Communication.

Advertising Program

Tommy V. Smith, Director
Hattiesburg, MS 39406-5121
(601) 266-4258

The Department of Journalism offers a major in advertising in association with the Department of Radio, Television, and Film.

The Advertising Program and the Department of Journalism are accredited by the Accrediting Council on Education in Journalism and Mass Communication, the national accrediting agency for programs in Journalism and Mass Communication.

The program is designed to teach students the creative and business practices of advertising. Graduates are prepared for professional positions as advertising layout artists, copy writers, media planners, and account executives in the mass media, advertising agencies and advertising departments in business and industry.

Requirements for a Major in Advertising

Students in the program must complete thirty-three (33) semester hours, but not more than thirty-six (36) semester hours, in Journalism and Radio, Television, and Film, including JOU 231, 330, 333, 421, 431, 433; RTF 330, 425. An 18-21 hour minor is required. However, students in the Advertising Program may not minor in Journalism or Radio, Television, and Film. Advertising majors may not receive credit for MKT 355. Courses for other minors are chosen in consultation with the adviser. A statistics course is required of all students in the program. Students must choose one course from CSS 211, BA 301, PSY 360, SOC 460.

Requirements for a Minor in Advertising

All students pursuing a minor in advertising must complete a minimum of eighteen (18) hours of journalism courses. The following six (6) hours are required: JOU 231, 330. The remaining twelve (12) hours are to be selected in consultation with an advertising adviser who can recommend courses in advertising and public relations.

PACE Degree Plan

Page
Advertising 230

Communication Program

Keith V. Erickson, Director
Hattiesburg, MS 39406-5131
(601) 266-4271

The Communication Program offers an interdisciplinary major involving the Departments of Speech Communication, Journalism, and Radio, Television, and Film. It is designed to prepare students for careers as communication specialists within business and industrial organizations, government agencies, trade and professional associations, or public institutions. A broad background in liberal arts and social sciences is recommended, and students are advised to concentrate their electives in these areas. A minor is not required for the Communication major.

PACE Degree Plan

Page
Communication 231

Department of Journalism

David R. Davies, Chair
Hattiesburg, MS 39406-5121
(601) 266-4258

C. Brown, Kaul, Mayo, T. Smith, Wiggins, M. Williams, Yssel

The objective of the Department of Journalism is to teach students professional and theoretical concepts and to develop their technical skills to enable them to be productive and responsible contributors in the field of journalism. The program emphasizes the basics of reporting, writing, editing, and taking and developing pictures, but professional preparation also requires an understanding of the history and legal, ethical, and social responsibility of journalism. The department strives to achieve an integration of practice and theory in its courses.

The Department of Journalism and its emphasis areas are accredited by the Accrediting Council on Education in Journalism and Mass Communication, the national accrediting agency for programs in Journalism and Mass Communication.

The department offers a choice of two emphasis areas of study: News-Editorial and Public Relations, and it administers an interdisciplinary Advertising degree program. These are designed to prepare students for a variety of career positions, including news reporting and editing, writing, photojournalism, advertising, and public relations.

The faculty strongly believes that students should have a broad cultural education in the humanities and social sciences to go with their professional preparation so they can serve society, as well as their own self-interests, productively and responsibly. Thus, students are limited to thirty-seven (37) semester hours in the Department of Journalism. Students must achieve a minimum grade of "C" in each journalism course and a GPA of 2.5 in all journalism courses. All journalism students, in consultation with their advisers, must develop a minor in an area outside of the School of Communication.

Requirements for a Major in Journalism

Common Requirements for a Major in Journalism

A student majoring in Journalism will work toward the Bachelor of Arts degree. Working closely with an adviser, the student will select course work to fit an appropriate educational goal and selected emphasis area of study. All students pursuing a major in Journalism must complete the following requirements, which include a minimum of thirty-one (31) semester hours, but not more than thirty-seven (37) semester hours in journalism and/or radio-television-film:

	Hours
General Core for the College of Liberal Arts	70
Major Requirements	31-37
Minor Requirements	18
Electives (Non-journalism)	3-10
	Total: 128

All majors in the News-Editorial emphasis are expected to do practical work on The Student Printz. Others are invited to participate in the publication of the newspaper.

Requirements for an Emphasis in News-Editorial

The News-Editorial Program is designed to prepare students for positions in the news media as reporters, editors, and writers. Students in this emphasis must complete thirty-one (31) semester hours, but not more than thirty-seven (37) semester hours, in Journalism, including JOU 202, 203, 241/241L, 303, 311, 312, 402, 450, and 460. From elective course work taken outside the Department of Journalism, students are advised to develop an area of concentration that supports and enhances their educational and professional goals.

Students may pursue a concentration in photojournalism within the News-Editorial Emphasis. Required courses in News- Editorial are JOU 202, 203, 311, 312, 450, and 460, including one course chosen from among JOU 301, 303, 452, or 455. The photojournalism concentration requires completion of JOU 241/L, 242/L, 441/L, and three or four hours chosen from Journalism and/or Radio, Television, and Film.

Requirements for an Emphasis in Public Relations

This program of study is designed to prepare students for careers as public relations practitioners, and consultants in business and industry, non-profit organizations, educational institutions, and governmental agencies.

Students in this program must complete thirty-one (31) semester hours, but not more than thirty-seven (37) semester hours of Journalism, including JOU 202, 203, 241/241L, 311, 312, 421, 422, 426, and 428. A statistics course is required of all students in the public relations emphasis. Students must choose one course from CSS 211, BA 301, PSY 360, SOC 460.

Requirements for a Minor in Journalism

All students pursuing a minor in journalism must complete a minimum of eighteen (18) hours of journalism courses. The following seven (7) hours are required: JOU 202, 241/241L. The remaining eleven (11) hours are to be selected from any courses with a JOU designation. These courses should be selected in consultation with an adviser affiliated with the particular area to be emphasized—News-Editorial or Public Relations.

PACE Degree Plans

Page
News-Editorial 232
News-Editorial (Photojournalism Concentration) 233
Public Relations 234

Department of Radio, Television, and Film

S. Dixon McDowell, Chair
Hattiesburg, MS 39406-5141
(601) 266-4281

Gentile, D. Goff, Hall, Haque, Porciello, Webster

The Department of Radio, Television, and Film offers preparation for professional employment in the diverse film and electronic media industries. The one constant that characterizes these fields is change. Therefore, the department strives to equip students with more than current career skills. The total program emphasizes the broader skills which prepare students for the continuing self-education required to meet the challenge of change in one's life and in one's career. The major in Radio, Television, and Film also provides an excellent preparation for graduate study in film or mass communication. In addition to the curriculum for RTF majors, the department provides instructional support to interdisciplinary programs in Advertising and Communication.

Students majoring in Radio, Television, and Film select one of three emphasis areas. Broadcast Journalism prepares students to enter the challenging and competitive field of radio and television news. The Film emphasis is designed to prepare students for positions with large and small motion picture production companies, federal or state agency production units, or for self-employment as independent producers, directors, or production specialists. The Radio-Television Production emphasis is intended for students who seek careers in advertising and program production in broadcasting and cable television. This emphasis also prepares students to pursue career

opportunities with the growing number of corporations, medical centers, and governmental agencies that utilize television communication for training and institutional communication.

Two curricular options are strongly recommended for students who wish to maximize the benefits of their undergraduate education. The Internship Program and the British Studies Program should be considered and discussed with faculty advisers early in one's program of study. The Internship Program (RTF 303) provides supervised experiential learning in a professional setting. To qualify for the program, an RTF major must have completed all but twelve hours of major course work with a B average in RTF courses and an overall GPA of 2.5. Eligible students must submit an internship application to the department chair prior to the midpoint of the semester preceding the requested internship. Students employed by a film or electronic media firm cannot receive academic credit for work they are already doing for pay.

The British Studies Program (RTF 476 or 499) enables students to study the British media or contributions to filmmaking during an intensive five week summer program. This program offers unparalleled opportunity for the educational and cultural enrichment of a student's undergraduate education.

Requirements for a Major in Radio, Television, and Film

The major in Radio, Television, and Film consists of 36 semester hours of course work. A grade of C or better must be earned in all sequential production courses and in the Broadcast Journalism sequence. For example, in the Television Production sequence (RTF 140, 340, 440), a student must earn at least a C in RTF 140 before advancing to RTF 340, etc. The Film Production sequence is RTF 140, 371, 471, 485; the Broadcast Journalism sequence is JOU 202, RTF 302, 304, 305.

Many Radio, Television and Film courses require students to perform copy writing, news writing or script writing on a deadline. Typing proficiency is essential for these classes. RTF majors who do not enter the program with basic typing skills should enroll in BTE 101 (Keyboarding for Information Processing) early in their course of study.

All Radio, Television, and Film majors are required to complete the following:

General Education Requirement for the College of Liberal Arts	70
RTF Major	36
Minor (RTF majors may not select Advertising, Communication, or Journalism)	18
Electives	4
Total	128

NOTE: All students must complete a minimum of 128 semester hours with at least 45 semester hours at the 300 or 400 level. The number of elective credits earned will vary.

Requirements for a Minor in Radio, Television, and Film

The student minoring in Radio, Television, and Film must complete a minimum of eighteen (18) hours in RTF courses with at least nine (9) hours above the 300-level. The department recommends structuring the selection of minor courses along the lines of one of the three emphasis areas offered to RTF majors. The chair and faculty will be pleased to advise minors and to recommend an appropriate selection of courses. Students seeking an RTF minor and their advisers are cautioned to pay close attention to RTF course prerequisites.

PACE Degree Plans

	Page
Broadcast Journalism	235
Film	236
Radio-Television Production	237

Department of Speech Communication

Keith V. Erickson, Chair
Hattiesburg, MS 39406-5131
(601) 266-4271

Conville, L. Goff, Gwin, Hosman, Meyer, Siltanen, Tardy

Modern theorists agree that the fundamental human relationships in our culture are conducted through speech communication. The academic discipline of speech communication has as its focus the normal processes of oral, face-to-face, human interaction. Course work is directed toward

preparing the graduate with communication skills suited to business and industry, in particular those occupations that require competency in presentational and oral interaction skills. Students are prepared as well to study and evaluate communication processes in a variety of contexts, including health, legal, political, organizational, and business settings. Recent graduates have secured positions in a variety of occupations, including public relations, personnel, sales, marketing, business, industry, and government.

Students interested in an organizational communication (business and industry) orientation are advised to include SCM 312, 320, 350, 410, 420, 425, and 430 among their elective courses. Complementary minors, such as journalism, marketing, general business, and management, are arranged in consultation with the major adviser.

An Outline of the Speech Communication Major

Students are to complete a minimum of thirty-nine (39) hours as specified below:

I. Core (12 hours)

SCM 111 ..... Oral Communication
SCM 305 ..... Interpersonal Communication
SCM 311 ..... Persuasion
SCM 330 ..... Small Group Communication

II. Electives (27 hours)

SCM 303 ..... Argumentation and Debate
SCM 312 ..... Interviewing
SCM 315 ..... Advanced Public Speaking
SCM 320 ..... Business and Professional Speaking
SCM 350 ..... Nonverbal Communication
SCM 403 ..... Political Communication
SCM 405 ..... Relational Communication
SCM 410 ..... Organizational Communication I
SCM 411 ..... Managing the Forensics Program
SCM 412 ..... Advanced Persuasion
SCM 415 ..... Rhetorical Criticism
SCM 420 ..... Organizational Communication II
SCM 425 ..... Communication and Conflict Resolution
SCM 430 ..... Communication and Small Group Decision-Making
SCM 435 ..... Speech Communication in Legal Contexts
SCM 440 ..... Health Communication
SCM 450 ..... Seminar in Speech Communication (may be repeated)
SCM 455 ..... Freedom and Responsibility of Speech
SCM 460 ..... Public Advocacy and Advanced Argumentation
SCM 475 ..... Gender Issues in Speech Communication
SCM 490 ..... Theories of Speech Communication
SCM 492 ..... Special Problems
SCM 499 ..... British Studies in Communication

Requirements for a Speech Communication Major With Teaching Licensure

The licensure program certifies the graduate to teach speech communication in grades 7-12. It meets or exceeds the requirements set down by the Mississippi State Department of Education and earns NCATE (National Council for Accreditation for Teacher Education) licensure. Meeting NCATE requirements carries with it automatic licensure in 30 states in addition to Mississippi. Students should note that the total hours required by this program exceeds the university minimum of 128 hours in order to maintain a program of the highest quality in the teaching area plus NCATE licensure. Students must earn a grade of "C" or higher in all Speech Communication courses and in all required professional education courses.

Requirements for a Minor in Speech Communication

All students pursuing a minor in speech communication must complete eighteen (18) hours of Speech Communication courses. The following courses are required: SCM 305, 311, 330. The following courses will not count toward the minor: SCM 301L, 411, 459, 459L, 488, 489, 492.

PACE Degree Plans

Page
Speech Communication....238
Speech Communication (Licensure)....239

School of Library and Information Science

Thomas D. Walker, Director
Hattiesburg, MS 39406-5146
(601) 266-4228

Haynes, Norton, Rodriguez, Rodriguez-Buckingham

The purpose of the School of Library and Information Science is to educate students for careers in the information professions. Covering all types of media formats, the curriculum prepares future information professionals to create, develop, organize, access, and evaluate print and non-print resources in a variety of settings.

The Bachelor of Arts degree in library and information science may be used to satisfy the requirements for licensure as a school library media specialist. The baccalaureate degree in library and information science with a teacher licensure emphasis is approved by the National Council for Accreditation of Teacher Education. The graduate program in library and information science is the only master's program in Mississippi accredited by the American Library Association (see the Graduate Bulletin).The School cooperates with the University Placement Service in assisting its graduates in finding positions. Students are encouraged to join and support the activities of the Library and Information Science Student Association, the American Library Association, the Special Libraries Association, and the Mississippi Library Association. Often these professional organizations provide job placement services.

Academic Standards for a Major in Library and Information Science

Any student who satisfies admission requirements to the University through the Office of Admissions is eligible for admission to the School of Library and Information Science. All students majoring in library and information science must have their major program approved by the director of the school and have a completed program plan on file in the director's office.

During the first two years at the university, the library and information science major should acquire a broad general education in the liberal arts and sciences. Library and information science courses for the undergraduate major or minor are begun in the junior year and completed in the senior year. Library and information science majors are advised to concentrate elective hours in one subject field, professional area, or language in order to qualify for better library positions. The student's choice of a degree program should be determined by his or her career goals, licensure requirements, and in consultation with a faculty adviser or the director of the school.

Students desiring to prepare for positions in public, academic, or corporate libraries or information centers or other information professions should follow the general Bachelor of Arts degree program described below; this requires twenty-five (25) credit hours. General library and information science majors must also complete the requirements for a minor or a dual major in another field, and sufficient elective hours from any departments of the university to complete the 128 semester hours required for a degree. Students should consult their adviser when planning their minor or dual major.

Students are advised that in order to qualify for many professional positions in the library field, especially those in public, college, and special library fields, a Master of Library and Information Science (MLIS) degree is required. This graduate degree can be earned in one additional year of study beyond the B.A. See the Graduate Bulletin for information on the graduate program in library and information science.

Licensure as a School Library Media Specialist

Students desiring to become public elementary or secondary school library-media specialists should follow the applicable teacher licensure degree program. Licensure as a school library media specialist in the State of Mississippi requires a library and information science major of twenty-seven (27) hours plus thirty-seven (37) hours of professional education core courses. Students must earn a grade of "C" or higher in all Library Science courses and in all required professional

education courses. Existing teacher education programs as presented in this Bulletin are subject to change contingent on formal university approval. Out-of-state students should consult with their respective state agencies regarding licensure requirements. For more information about the Teacher Licensure Program, contact the School of Library and Information Science.

PACE Degree Plans

Page
Library and Information Science....240
Library and Information Science (Licensure)....241

Department of Aerospace Studies

(AIR FORCE ROTC)

Richard W. Davis, Lt. Col., Chair
Hattiesburg, MS 39406-5145
(601) 266-4468

Baker, Matthews

The Air Force ROTC Program offers a course of study leading to a commission as a second lieutenant and service on active duty. The program is an accredited part of the curricula of the university. Air Force ROTC may apply toward satisfying the requirements for an academic minor.

Air Force ROTC Requirements

While Aerospace Studies classes are open to all USM student, those wishing to pursue an Air Force commission should meet the following requirements:

General Military Course: Men and women who are full-time university students may enroll in the General Military Course (GMC). The GMC surveys the missions, activities, and history of the United States Air Force. There is no obligation associated with enrollment in any GMC course. The Professor of Aerospace Studies may grant credit or partial credit for completion of the GMC for students who have served on active duty, for junior or senior level ROTC participation in a program of any service, and for Civil Air Patrol work.

Professional Officer Course: Enrollment in the Professional Officer Course (POC) under an Air Force contract (obligated reserve) is limited to those students who have applied and have been accepted for this course. Application is normally made while a member of the GMC or (for students not enrolled in the GMC) early during the academic year prior to the year of desired entry. Students with previous military service may apply for direct entry. Individuals entering the POC must have two academic years remaining in college as full-time students at the undergraduate and/or graduate level. Students who complete the Professional Officer Course in Aerospace Studies (Air Force ROTC) are allowed to waive the requirement for an academic minor, if one is required in their major. After completing their studies, all contracted POC students are obligated to accept a commission and to enter the active duty Air Force.

Students who enter Air Force ROTC classes are considered to be in the Four- or Two-Year Program, depending on their academic progress upon entry. Enrollment in the General Military Course offers the student good exposure to the Air Force without obligation and also affords maximum opportunity for scholarships and entry into the Professional Officer Course. The POC is normally preceded by either a four- or six-week summer field training conducted at various Air Force bases. Financial entitlements while in the POC normally total about $3,000 for non-scholarship students and up to $9,900 for those maintaining a 2.35 term GPA ($1,500 per semester toward tuition, $225 per semester for books, and $150 per month for 10-month academic year).

Air Force ROTC College Scholarship Program

An Aerospace Studies committee nominates qualified freshman, sophomore, and junior students to compete for three- and two-year scholarships. Scholarships can pay full tuition, as well as certain fees and expenses associated with required courses, including most textbooks. In addition, the recipient will receive a $150 (tax-free) monthly allowance during the school year. Scholarships are awarded based on the specific needs of the Air Force. All academic majors are potential scholarship recipients. Interested students should contact the Department of Aerospace Studies.

Four-year scholarships are also available to high school students. High school students interested in making application should write: Air Force ROTC (RRUC), Maxwell AFB, Alabama 36112- 6106 during their junior year or before November of their senior year or contact any Air Force ROTC unit or Air Force recruiter.

Satisfactory completion of courses in English composition and mathematical reasoning are required for scholarship and POC students. Completion of the University Core will normally fulfill these requirements.

Department Activities

Air Force ROTC students are eligible for membership in the Drill Team and Arnold Air Society and allowed to participate in departmental activities. Arnold Air Society is a national organization with membership restricted to Air Force ROTC cadets; Silver Wings, another national service organization, also supports Air Force interests and is open to all students. Both organizations are sponsored by the Air Force Association and hosted by the department. Other departmental activities include orientation flights, visits to Air Force bases, physical fitness conditioning, and intramural sports as well as optional summer professional development training programs.

American Studies Program

Edward M. Wheat, Director
Hattiesburg, MS 39406-10065
(601) 266-4310

The American Studies Program offers an interdisciplinary major or minor for students interested in a broad liberal arts education. Through courses from many fields, the student acquires an understanding of the development of the American heritage. By course selection and during the American Studies Seminar, students may pursue their special interests. The major requires thirty (30) semester hours.

Though no minor is required with the American Studies major, students are encouraged to have a second major or minor in complementary, career-oriented fields such as pre-law, pre- medicine, pre-dentistry, paralegal studies, journalism, public relations, library science, accounting, marketing, management, radio-television-film, military science, and education. The requirements listed below are in addition to the Liberal Arts core curriculum. Students in this program will be advised by the director of the American Studies Program.

Options for the American Studies Major

Thirty (30) hours selected from the groups below:

Group I. One course from each field 9
ENG 370, 371, 372, 373, 470, 471, 472, 473, 477, 478, 485, 489
HIS 344, 360, 372, 375, 417, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 473, 474, 476, 477, 478
PS 301, 303, 321, 330, 370, 375, 380, 401, 402, 403, 404. 405, 406, 408, 409, 472, 473, 480, 481, 489

Group II. One course from three different fields 9
AMS 304, 404
ANT 315, 333, 334, 433
CJ 200, 325, 330, 352, 360, 440, 463, 470, 472, 480
ECO 305, 330
ESC 301
GHY 370, 401, 402, 435, 440
HPR 200
JOU 421, 450, 452, 455, 460
MUS 332, 366, 432
PHI 440
PSY 450, 456, 470
RTF 370, 448, 460, 478
SOC 240, 301, 310, 311, 314, 415, 424, 444, 471, 475

Group III. Select any combination of three courses from Groups I and II 9
AMS 403 (senior year requirement) 3
Total 30

Requirements for a Minor in American Studies

Students minoring in American Studies must complete eighteen (18) hours including one of the following courses: AMS 304, 403, or 404.

PACE Degree Plan

Page
American Studies 242

Department of Anthropology and Sociology

H. Edwin Jackson, Chair
Hattiesburg, MS 39406-5074
(601) 266-4306

Chasteen, Danforth, Flanagan, Glamser, Jaffe, Kinnell, R. Turner, A.L. Young

The Department of Anthropology and Sociology offers a major and a minor in both anthropology and sociology. As the societies of the world become increasingly interdependent and as our own society continues to confront the problems of pluralism and rapid social change, success in many fields (including international development, business, government, and education) will depend on the individual's understanding of, and ability to adapt to, varied circumstances and human cultural diversity. The programs in the Department of Anthropology and Sociology equip the student with the tools necessary for such an understanding.

Requirements for a Major in Anthropology

The multifaceted nature of anthropology, which integrates into a single discipline the social sciences, the natural sciences, and humanistic studies, uniquely combines skills and insights that will prove essential in many contemporary settings. Students will complete courses in cultural anthropology, archaeology, physical anthropology, and anthropological linguistics. Students majoring in anthropology must complete all general education requirements of the College of Liberal Arts, 33 hours in anthropology (including ANT 221, 231, 241, 251, and 421) and have a minor in another discipline. The student's adviser will discuss the choice of a minor that best complements the student's interests and career goals and aspirations.

Requirements for a Major in Sociology

The scientific analysis of the social world to which sociology is dedicated provides the student with unique insights into the nature of social institutions and their effects on each other and on individual behavior. The sociology major equips the student with analytical skills applicable in a wide range of contemporary settings. Students majoring in sociology must complete all general education requirements of the College of Liberal Arts, 33 hours in sociology (including SOC 101, 460, 462, and 482) and have a minor in another discipline. The student's adviser will discuss the choice of minor that best compliments the student's career goals and aspirations.

Requirements for a Minor in Anthropology

The minor in anthropology allows students of another discipline to achieve a fundamental understanding of anthropology. Faculty members will assist students to select courses that best complement their major interests. Students will complete a minimum of 18 hours in anthropology, including 9 hours chosen from among ANT 221, 231, 241, and 251.

Requirements for a Minor in Sociology

The minor in sociology is designed to equip the student of another discipline with an understanding of the fundamentals of the discipline of sociology. Faculty members will assist students to select courses that best complement their major interests. Students will complete a minimum of 18 hours in sociology, including SOC 101.

PACE Degree Plan

Page
Anthropology 243
Sociology 244

Department of Criminal Justice

Tyler H. Fletcher, Chair
Hattiesburg, MS 39406-5127
(601) 266-4509

Cabana, Funchess, Hunt, Mallory, Payne, Sellers-Nored, M.C. Smith, W.B. Taylor

The Department of Criminal Justice offers an interdisciplinary major leading to a Bachelor of Arts degree and a minor. A special emphasis area in Juvenile Justice is also available.

Requirements for the major area are a minimum of thirty-nine (39) hours of course work in Criminal Justice (CJ 200, 325, 330, 341, 352, 360, 420, 430 required), but not including the optional field practicum (CJ 400). The student must also pursue either an academic minor or two interdisciplinary blocks of 9 hours each (not to include 100 level courses overlapping with the core); these interdisciplinary blocks may be flexibly structured to strengthen the student's understanding of and interest in the humanities, behavioral sciences, or professional areas such as accounting, computer science, forensic science, and management. The Juvenile Justice emphasis must include 18 hours in psychology or social work.

The flexible and interdisciplinary nature of the Criminal Justice curriculum provides an ideal educational base for those seeking careers in which special skills are needed. The careful selection of a minor also enhances this feature of the curriculum. Minors in paralegal studies, English, philosophy, or political science provide excellent preparation for law school, while minors in Spanish, accounting, and computer science have proven to be skills in high demand in state and federal investigative services. Wildlife conservation officers and environmental protection agencies have extensively employed criminal justice majors with biology minors. The department endeavors through individual counseling to identify a student's goals and potential, and to provide the best education possible to meet those aspirations.

Requirements for a Minor in Criminal Justice

All students pursuing a minor in Criminal Justice must complete a minimum of eighteen (18) hours of courses in Criminal Justice including CJ 200 but not including the field practicum.

Police Officer Training Corps Advisement
Stephen L. Mallory
(601) 266-4509

PACE Degree Plans

Page
Criminal Justice....245
Juvenile Justice....246

Program in Economics

William Banks Taylor, Director
Hattiesburg, MS 39406-5127
(601) 266-4509

The Bachelor of Arts in Economics is an interdisciplinary degree offered through the collaboration of the College of Liberal Arts and the Department of Economics and International Business within the College of Business Administration. The degree is designed to prepare graduates for employment in either the private or public sector or for the pursuit of higher degrees in a number of academic disciplines, most notably economics, economic development, community and regional planning, geography, law and justice studies, political economy, political science, and public administration. Because of its interdisciplinary curricula, the B.A. in Economics allows somewhat more latitude in course selection than most USM degrees and requires the completion of slightly more than the 128-semester-hour University minimum for graduation.

Requirements for a Major in Economics

Students pursuing the B.A. in Economics must complete seventy (70) semester hours in specified courses; these satisfy the general education requirements of the University, the College of Liberal Arts, and the major. In completing remaining degree requirements, majors may elect to follow one

of two set degree tracts, the one quantitative and the other qualitative, or to formulate and pursue a flexible degree track commensurate with individual career objectives.

The quantitative or **Mathematics Degree Track** is designed to prepare one for the successful pursuit of higher degrees in economics and related academic disciplines requiring a strong background in mathematics and statistics. It consists of 58.5 semester hours beyond the seventy-hour core curriculum, including a minor in mathematics, and thus establishes a degree plan requiring the completion of a total of 128.5 semester hours.

The qualitative or **Social Science Degree Track** provides a broadly-based liberal arts education in "political economy," an area of study that cuts across the normally separate domains of economics and politics, and examines the relationship of the two within the difficult calculus of public law. The Social Science Degree Track is recommended for students planning to seek employment upon graduation or to pursue higher degrees in academic disciplines requiring a lesser preparation in mathematics and statistics (economic development, community and regional planning, geography, law and justice studies, political science, and public administration). It consists of 60.5 semester hours beyond the seventy-hour core curriculum, including a minor in political science, and thus establishes a degree plan requiring the completion of a total of 130.5 semester hours.

Requirements for a Minor in Economics

Students wishing to minor in economics must satisfy the requirements of the Department of Economics and International Business

PACE Degree Plan

Page
Economics (with Mathematics) 247
Economics (with Social Science) 248

Department of English

Michael Salda, Chair
Hattiesburg, MS 39406-5037
(601) 266-4319

J. Abbenyi, E. Ashton-Jones, A. Ball, J. Barron, F. Barthelme, S. Barthelme, D. Berry, B. Boyd, K. Dupré, J. Ezell, K. Harris, T. Harvey, S. Hauer, K. Herzinger, J. Jones, P. Kolin, W. Kuskin, J. Lares, L. Laugstraat, J. Lindquist, S. Malone, M. Mays, N. Polk, T. Richardson, M. Robison, M. Ryan, M. Salda, M. Sciolino, R. Stamper, G. Stringer, M. Villeponteaux, A. Wallace, K. Watson, W. Watson, E. Weinauer, G. West, D. Wheeler

The Department of English prepares undergraduate majors for careers in teaching, law, business, and other fields that require communication skills. The department offers a B.A. with or without secondary teaching licensure. In addition to programs in English education and literature, the department sponsors a program in Creative Writing.

Requirements for a Major in English

The undergraduate major in English consists of thirty-six (36) hours of English beyond the freshman level. At least 21 hours must be taken at the 300 or 400 level, with at least 9 hours of these at the 400 level. Majors must include among their courses Analysis of Literature (ENG 340) plus at least one course from each of the following categories:

(1) English or World Literature before 1700
(2) English or World Literature after 1700
(3) American Literature

For teacher licensure, students must take the following: the required courses listed above for all undergraduate majors; Contemporary World Literature (ENG 311); English Grammar (ENG 301); Language Study for Teachers (ENG 403); Literature for the Adolescent (ENG 418); Shakespeare (ENG 454 or 455); Reading/Writing Theory (ENG 490); Methods of Teaching English—Secondary (ENG 491, 491L); and Student Teaching (ENG 494 and 495). Students pursuing a degree in English with licensure must earn a grade of C or higher in all English courses and in all required professional education courses.

In addition, required teacher education courses include the following fifteen (15) hours: PSY 374, REF 400, REF 469, SPE 400, CIS 313. Students must consult an adviser in the Department of English and the current Bulletin for prerequisites and proper sequences of courses.

Students who complete the licensure program are eligible for a license through an NCATE-approved program.

Requirements for a Minor in English

An undergraduate minor in English requires a total of eighteen (18) hours beyond ENG 101 and 102, including at least nine (9) hours at the 300 or 400 level.

The Center for Writers

Hattiesburg, MS 39406-5144
(601) 266-4321

The Center for Writers, functioning under the aegis of the Department of English, offers undergraduates the opportunity to specialize in poetry or fiction within the context of the basic English B.A. degree. A cohesive sequence of workshop courses of increasing difficulty encourages student writers to locate and focus their talents and to observe and participate in the process of creative writing. A companion group of theory and literature courses places emphasis on contemporary and current writings, literary theory, and criticism in English and in translation. The Center sponsors two publications: Mississippi Review, a national journal of fiction, poetry, and criticism; and Product, a student publication geared to publish and circulate within the University community the very best student writing.

The Writing Center

Liberal Arts Building 303
Hattiesburg, MS 39406-5037
(601) 266-4821

The Writing Center offers free tutorial assistance to USM students, faculty, and staff involved in writing projects. Tutors, who are faculty and graduate students trained in composition, work one-on-one with writers in a comfortable environment designed for both writing and talking about writing. Support is available in all areas of writing, ranging from topic exploration to development to preparation of final copy. Services are available on a drop-in or appointment basis, and writers may choose to visit once or to establish a long-term program of development. Instructors may also refer students to the Writing Center.

PACE Degree Plans

Page
English....249
English (Licensure)....250

Department of Foreign Languages and Literatures

Rafael Sánchez-Alonso, Chair
Hattiesburg, MS 39406-5038
(601) 266-4964

E. Anglin, K. Austin, L. Broome, J. Burnett, M. Clark, J.-L. Dassier, R. Esparragoza-Scott, L. Fonder-Solano, G. Fontecchio, G. Mitchell, W. Odom, W. Powell, Y. Unnold, A. Vicente

The Department of Foreign Languages and Literatures offers a flexible program leading to the Bachelor of Arts degree either with or without teaching licensure. It also offers an academic minor. The program aims to provide the students with sufficient language skills and cultural insights to give them sound foundations for a wide range of careers. It is designed to meet the following objectives:

(1) prepare students (in combination with other disciplines) for industrial, commercial, and government employment in which knowledge of a foreign language and culture is a distinct advantage;
(2) prepare students to teach foreign languages in secondary schools;
(3) prepare students for graduate study in foreign languages and literatures and related fields;
(4) provide supportive courses for other programs in the university.

The department offers curricula from the beginning through the advanced levels in French and Spanish. The department also offers German, Chinese, Portuguese, Latin, Russian, Italian, and Japanese through at least the intermediate levels. Not all of these languages will be taught every year; students should consult the Schedule Guide for a list of annual course offerings in this department.

Students have access to the Foreign Language Multi-media Center in the Liberal Arts building and may be required to attend laboratory sessions in addition to regular classroom meetings. Students also have access to live television transmissions in Spanish and French by means of the department's television satellite reception. Other Foreign Language audio visual materials are available in the Cook Library.

In cooperation with other departments at this university, the Department of Foreign Languages and Literatures has established a number of formal and informal programs for students who wish to prepare for careers in which a knowledge of a foreign language and culture is either essential or desirable. For assistance in devising a suitable curriculum, students should consult as soon as possible with a foreign language adviser. Information on the MATL (Master of Arts in the Teaching of Languages) program can be found in the *Graduate Bulletin* and on the department's Web Homepage: http://www-dept.usm.edu/~forlang.

Study Abroad

Under the auspices of USM's College of International and Continuing Education, the department offers active and very popular study abroad courses, summer semester, and year-long programs.

CLEP Examinations in Foreign Languages

Students with previous language study or background may earn up to a total of 12 hours of college credit in Spanish, French, or German by taking a CLEP examination.

Students may take the CLEP examination at any time during their course of study. For complete details regarding how to take the CLEP examination in foreign languages and its benefits, consult the Department of Foreign Languages and Literatures or USM CLEP Coordinator in the Admissions office.

Requirements for a Major in Foreign Languages

The Department of Foreign Languages offers three options for a B.A.: (1) Foreign Languages: Spanish concentration; (2) Foreign Languages: French concentration; (3) Foreign Languages. Each option requires a minimum of thirty (30) semester hours (above the 100 level) in foreign languages and literatures. At least eighteen (18) hours must be earned in upper-level foreign language courses. Students must complete at least one, preferably two, 300-level courses before enrolling at the 400 level.

Option One: Spanish Concentration

I. A minimum of six (6) hours in literature and culture courses to be chosen from:

SPA 331 ..... Hispanic Daily Life
SPA 332 ..... Traditions, Festivals, and Icons
SPA 341 ..... Introduction to Spanish Literature
SPA 435 ..... Spanish Culture and Civilization
SPA 436 ..... Latin American Culture and Civilization
SPA 442 ..... Survey of Spanish Literature
SPA 445 ..... Topics in Spanish Literature
SPA 446 ..... Don Quijote
SPA 452 ..... Topics in Latin American Literature

II. A minimum of six (6) hours in Spanish language-focussed courses to be chosen from:

SPA 305 ..... Spanish Reading and Composition
SPA 313 ..... Grammar Review
SPA 321 ..... Intermediate Conversation
SPA 405 ..... Phonetics
SPA 406 ..... Advanced Composition and Grammar
SPA 411 ..... Spanish Subjunctive
SPA 421 ..... Advanced Conversation
SPA 491 ..... Advanced Studies in Spanish Language

III. The remaining courses for the major may be selected from:

A. Any of the above.
B. A maximum of six (6) hours from:
SPA 201 ..... Intermediate Spanish I
SPA 202 ..... Intermediate Spanish II
SPA 281 ..... Intermediate Credit for Study Abroad
C. A maximum of six (6) hours from:
SPA 381 ..... Study Abroad
SPA 481 ..... Study Abroad
D. A maximum of six (6) hours from:
SPA 492 ..... Special Problems (subject to approval by adviser and chair)

Option Two: French Concentration

Courses for the emphasis may be selected from:

FRE 201 ..... Intermediate French I
FRE 202 ..... Intermediate French II
FRE 305 ..... French Grammar Review
FRE 321 ..... French Conversation and Discourse
FRE 340 ..... Reading in French
FRE 405 ..... French Phonology
FRE 406 ..... Advanced Composition
FRE 411 ..... Advanced Conversation
FRE 431 ..... French Film
FRE 434 ..... France in the Fifth Republic
FRE 435 ..... Modern France
FRE 436 ..... Francophone Civilization and Culture
FRE 442 ..... Survey of French Literature
FRE 445 ..... Topics in French Literature
FRE 447 ..... The Negritude Literary Movement
FRE 491 ..... Advanced Studies in the French Language
FRE 492 ..... Special Problems (A maximum of six hours, subject to approval by adviser and chair)

Additional courses which may be applied to the major include a maximum of six (6) hours from:

FRE 281 ..... Intermediate Credit for Study Abroad
FRE 381 ..... Study Abroad
FRE 481 ..... Study Abroad

Option Three: Foreign Languages

This option requires the completion of thirty (30) hours at the 200-level or above including eighteen (18) hours in courses at the 300 and 400 level. Of these eighteen hours, at least twelve (12) must be in a single language.

Note 1: Courses in any language taught in the department may be counted toward this option.
Note 2: For students participating in USM study-abroad programs in Germany and/or Austria, all hours for this option may be earned in German.

Requirements for a Major in Foreign Languages With Teacher Licensure

A student seeking teacher licensure in either French or Spanish, needs 27 hours in the appropriate concentration. A student seeking teacher licensure in German should choose option 3, with a minimum of 27 hours of German at the 200 level and above. All students seeking teacher licensure in foreign languages should include FL 461 and FL 461L in their programs. In addition, the student should fulfill the requirements of the Teacher Education Program at USM, as explained on the PACE Degree Plan. Students must earn a grade of "C" or higher in all Foreign Language courses and in all required professional education courses.

Requirements for Minor in Foreign Languages

An undergraduate minor in Foreign Languages requires a total of eighteen (18) hours in one of the following languages: French, German, Spanish, or Latin. A minor in Classics consisting of twenty-one (21) hours is also available.

PACE Degree Plans

Page
Foreign Languages: French 251
Foreign Languages: Spanish 252
Foreign Languages: Two-Language Concentration 253
Foreign Languages (Licensure) 254

General Studies Program

Kara L. Craig, Director of Academic Support Programs
Hattiesburg, MS 39406-5112
(601) 266-5003

L. Fulton, J. Howdeshell, M. Lochhead

The General Studies program provides an organized plan of advisement for students undecided in their academic majors. Ordinarily such students will be expected to pursue the academic standards and requirements of the general curriculum of the College of Liberal Arts, preparing for a major in that college. Students who have determined an interest in a field of study outside of the College of Liberal Arts (though they have not yet decided on the exact major) should enroll as undeclared majors within the college of that field. However, since much of the University's General Education Curriculum is housed in the College of Liberal Arts, the General Studies program is the appropriate place for students who wish to sample university life and various fields of study before declaring a definite major. Students may, if they wish, pursue the General Education Curriculum of the university, not the more specific collegiate document.

Advisement in the General Studies program is coordinated by the program director; but in so far as possible, each student will be assigned to an individual faculty member for personal advising and career guidance.

Ordinarily the General Studies program enrolls only freshmen, though transfer students may be admitted with the consent of the director. As with all of the programs in the College of Liberal Arts, transfer to General Studies requires at least a 2.0 GPA. Students may remain in the General Studies program only through sophomore status; usually the program does not accept juniors.

The General Studies program also administers the academic course GS 101 (University Success Skills), offering two hours' academic credit. This course provides a valuable introduction to the university experience, covering such topics as study skills, taking notes and tests, time management, campus resources, and university policies and procedures. GS 101 is open to all new students throughout the university.

PACE Program Plans

Page
General Studies: Liberal Arts Curriculum....255
General Studies: University Curriculum....256

Department of History

Orazio A. Ciccarelli, Chair
Hattiesburg, MS 39406-5047
(601) 266-4333
FAX (601) 266-4334

Bahm, Barnett, Bolton, Bond, Bowers, Farrell, Gill, Guice, Harper, Jensen, Kyriakoudes, McMillen, Mackaman, O'Neil, Scarborough, Smith, Sun, M. Wheeler, Wiest

The Department of History participates in programs leading to the degrees of the Bachelor of Arts, the Master of Arts, the Master of Science, and the Doctor of Philosophy. For the master's and doctoral degrees, please consult the Graduate Bulletin.

Mission

The study of history is intended to promote a responsible and informed citizenship, a heightened understanding of the human experience, and an appreciation of the achievements and variety of humankind. It also promotes career training. Indeed, the study of history is perhaps as valuable for the skills it helps to develop as for the information it imparts. History is an exacting discipline that fosters intellectual curiosity, analytical thought, research skills, ability to collect and analyze large amounts of data, clarity of expression, and disciplined work habits—qualities that are central to careers in academic, professional, public, business, and service areas.

Career Opportunities

Departmental surveys of graduates indicate that history majors have built careers in a variety of professional areas. A large number are teachers at high schools, community colleges, colleges and universities. Many are lawyers. A considerable number of them are stock brokers, bankers, military officers, public servants, directors of libraries, archivists, and even medical doctors. History majors can enter all these professions because their academic discipline fosters the writing, thinking, research, and analytical skills that make them marketable in a variety of professions.

Requirements for a Major in History

Students majoring in history must receive at least a grade of C in each history course. They must take thirty-six (36) hours which must include HIS 101, 102, 201, 202, and 300. Of the twenty-one (21) remaining hours required for the major, no more than twelve (12) hours of advanced course work can be selected from any one of the three following course areas: (1) United States History, (2) European History, (3) Other (Latin American, East Asia, Africa, and other non-United States, non-European courses). Students who have satisfied the thirty-six (36) hour major requirement may take additional advanced courses in history in any area they prefer.

History 300 must be completed in the first semester of the junior year.

Students must also register for Library Science 301, a one-hour course taken in conjunction with HIS 300. Its purpose is to acquaint students with library use and with the large variety of computer-based research tools.

History majors with exceptional academic records may be awarded degrees with honors or highest honors. See the General Information section of this bulletin for full requirements.

Social Studies Licensure

Students wishing to obtain a class A teaching license must major in history, must take twenty-four (24) hours of specified social science courses (twelve of these also satisfy the college general core), and nineteen hours of education courses. A semester of student teaching completes the curriculum. Students must receive at least a grade of "C" in all courses required for licensure. Students with an ACT score of 21 (SAT equivalent is 860) with no sub score below 18 upon entering college will be exempted from the Praxis I. The Specialty Area (Social Studies) and Principles of Teaching and Learning sections of the Praxis should be taken no later than the semester before student teaching.

Requirements for a Minor in History

The student minoring in history must take twenty-one (21) hours in history which must include HIS 101, 102.

Requirements for a Minor in History and Music History

The History department also offers a minor combining history and music history. It is ideally suited for music and music education majors, and for anyone interested in exploring the relationship between history and the arts. For more information on this minor contact the chair of the History Department or the Director of the School of Music.

Students minoring in History and Music History must complete twenty-four (24) hours in the following courses: MUS 231, 232; HIS 201 or 202, 401, 407, 413, 424; and a music history elective (chosen from MUS 332, 360, 431 - 437, 450, 471). In lieu of MUS 231, 232, students may take courses in Opera, American Music, Symphonic Literature, Baroque, Classic, Romantic, Twentieth Century, Jazz History, Masterpieces of Music.

PACE Degree Plans

Page
History 257
History (Licensure in Social Studies) 258

Humanities Program

Antonio Rodriguez-Buckingham, Director
Hattiesburg, MS 39406-10046
(601) 266-4238

The interdisciplinary program in Humanities offers a minor which concentrates study in one of three areas of courses chosen from various disciplines within the College of Liberal Arts. The program helps students develop their ability to write and think by focusing on important texts for reading, study, and discussion. In addition to the minor in Humanities, students may take the proseminar in the Humanities (HUM 495) and receive a Certificate of Humanities Study.

Requirements for Minor in Humanities

The minor in Humanities requires eighteen (18) hours. All student must complete HUM 490: Studies in European Humanities (3 hours) and five other courses (15 hours) selected from one of the following three areas. Courses must be chosen from at least three different disciplines within the selected area. With the approval of the Director and Council of the Humanities Program, students may elect to concentrate their 15 hours on alternative topics such as "Science, Technology, and Society," "Perspectives on Religion," or "Human Nature." See the Program's Director for details. All courses listed give 3 credit hours.

Area 1: Ancient World

ANT 317	Peoples and Cultures of Mesoamerica
ANT 335	Biblical Archaeology
ENG 319	Literary Study of the Bible
ENG 451	Chaucer
FL 333	Greek Literature and Culture
FL 353	Roman Literature and Culture
GRK 445	Readings in Greek Literature
HIS 325	The Classical World
HIS 436	Medieval Life and Thought
LAT 445	Readings in Latin Literature
PHI 352	Asian Thought
PHI 410	Classical Philosophy

Area 2: The World of the Renaissance and Reformation

ENG 454	Survey of Shakespeare
ENG 455	Studies in Shakespeare
ENG 459	Milton
FL 354	Medieval and Renaissance Humanism
HIS 426	Renaissance Europe 1348-1500
HIS 427	Reformation Europe 1500-1650
SPA 446	Don Quijote

Area 3: The Enlightenment and After

ANT 421	Anthropological theory
ENG 463	Victorian Fiction and Prose
ENG 466	Victorian Poetry and Drama
ENG 468	British Women Writers
ENG 469	Studies in British Literature
ENG 473	Studies in African-American Literature
ENG 478	American Women Writers
FL 431	Foreign Language Film
FRE 445	Topics in French Literature
GER 445	Topics in German Literature
GER 446	The German Novelle
FRE 342	Masterpieces of Afro-French Literature in Translation
HIS 429	The Age of the Enlightenment
HIS 444	Intellectual and Cultural History of Modern Europe
HIS 477	Women in American Society
HIS 481	Topics in Early Modern European History
PS 421	Political Theory: Locke to the Present
RTF 370	Film History

Courses That Are Applicable to More Than One Area:

The following courses may be taken to satisfy requirements in more than one area. The areas for which these courses may be used are indicated by the number in parenthesis following the listing. Topics of courses marked with an asterisk vary. Student should check with the instructor of these courses to be sure that the topic for that semester is appropriate to the area they have chosen.

ANT 313	Peoples and Cultures of Africa (1-3)
ANT 314	Peoples and Cultures of Asia (1-3)
ANT 315	American Indians (1-3)
ANT 318	People and Cultures of the Pacific (1-3)
ENG 440	Literary Criticism* (1-3)
FL 310	German Literature in Translation (2-3)
FL 340	French Literature in Translation (2-3)
FL 370	Spanish Literature in Translation (2-3)
FRE 436	Francophone Civilization and Culture (2-3)
HIS 423	Science and Society: From Copernicus to the Bomb (2-3)
LIS 433	History of the Book (1-3)
PHI 353	Study of a Major Philosopher* (1-3)
PHI 412	Modern Philosophy (2-3)
PS 420	Political Theory to Locke (1-2)
SPA 435	Spanish Culture and Civilization (2-3)
SPA 436	Latin American Culture and Civilization (1-3)
SPA 445	Topics in Spanish Literature (1-3)
SPA 452	Topics in Latin American Literature (2-3)

International Studies Program

Geoffrey Jensen, Director
Hattiesburg, MS 39406-5047
(601) 266-4333

The College of Liberal Arts in association with the College of International and Continuing Education offers a multidisciplinary major leading to a Bachelor of Arts degree in International Studies. The program aims to provide students with the background necessary for careers with an international dimension in government, commerce, the media, international organizations, research, and teaching. It is also designed to prepare interested students for further studies in graduate or professional school.

Program Description

The International Studies Program requires a total of forty-eight (48) credit hours to satisfy the requirements for both a major and minor. The hours ar allocated as follows:

1. A fifteen (15) credit hour core consisting of GHY 341 (World Political Geography), HIS 473 (U.S. Foreign Relations), PS 331 (Introduction to International Politics), IS 491 (Seminar in International Relations), IS 492 (Independent Study, consisting of a three hour senior project).
2. Twelve-fifteen (12-15) credit hours of general course related to International Affairs. These courses will be selected by the director of the program in collaboration with the student and will be based on the students' particular interests.
3. Twelve credit (12) hours of courses in a geographical area of students' choice (Africa, Asia, Europe, Latin America) and approved by the program director.
4. Six-nine (6-9) hours of study outside the United States, or a relevant internship in the United States, in a program directed by the College of International and Continuing Education. With the program director's approval, exemptions from this requirement may be allowed for foreign students and in other special cases.

Upon selecting the International Studies major, students should meet with the program director at their earliest convenience to draft a program of study. Failure to do so may cause graduation delay.

PACE Degree Plan

Page
International Studies.....259

Department of Military Science

(ARMY ROTC)

LTC Marshall Fite, Chair
Hattiesburg, MS 39406-5042
(601) 266-4456

Bridier, Desilva, Janotta, Little, Moore, Ortiz, Smith, Walkington

Mission

The mission of the Army ROTC Program is to provide instruction to college students preparing them for future leadership positions, both civilian and military, and to commission Second Lieutenants for the United States Army, Army National Guard, and Army Reserve.

Program of Instruction

The ROTC program of instruction is divided into two courses, the Basic Course and the Advanced Course. The full program encompasses four years.

The Basic Course consists of two years of instruction and is one method of entry into the Advanced Course. The Basic Course is introductory in nature and no military obligation is incurred.

The Advanced Course is designed to prepare selected cadets for commissioning in the United States Army. All academic majors are accepted, and the University has waived the requirement for a minor for those students completing the ROTC program. Successful completion of a five-week advanced summer camp and recommendation by the Professor of Military Science are required for commissioning. The Advanced Course student is paid a $200.00 per month tax free subsistence allowance during both academic years of the Advanced Course. Active Duty and Reserve Commissions are earned. A recipient of a Reserve Commission may opt for a short period of active duty and then join a Reserve or National Guard unit.

Basic Course students participate in a leadership practicum. This includes practical training exercises on the USM campus and the Camp Shelby training site.

Advanced Course students will be required to attend a weekly leadership laboratory and participate each semester in practical training exercises.

All Advanced Course cadets are required to complete a course or demonstrate proficiency in three areas of Professional Military Education. The course areas are Military History, Computer Literacy, and Communications (written and oral).

Two-Year Program

A two-year program leading to a commission is available to the following categories of students:

(1) A veteran whose military record is evaluated by the Professor of Military Science and determined to have the necessary background for acceptance into the Advanced Course.
(2) Students who did not take the Basic Course during the freshman and sophomore years. These students must successfully complete a six-week Basic Summer Camp prior to applying for the Advanced Course.
(3) Students who are currently enlisted in the Army National Guard or Army Reserves.

Extracurricular and Enrichment Activities

ROTC cadets have the opportunity to participate in several professional organizations within the Corps of Cadets. These include the Scabbard and Blade (honorary military society),Color Guard, the Ranger Company, and Ranger Challenge Team.

ROTC Scholarship Program

The Army ROTC Scholarship Program is designed to offer financial assistance to outstanding young men and women in the ROTC program who are interested in commissioned service in the Army. There are three types of scholarships: Four-Year, Three-Year, and Two-Year. Each scholarship provides tuition, textbooks, and laboratory fees in addition to paying a $200.00 subsistence allowance per month for the period that the scholarship is in effect.

Four-Year scholarships are available to high school seniors. Four-Year scholarship applications must be mailed prior to November 15 in the students' senior year of high school. Information and application packets for the Four-Year scholarship may be obtained from the high school counselor or by writing to:

USM Military Science Department
Scholarship Officer
Box 5042
Hattiesburg, MS 39406-5042

Students desiring to apply for the Two-Year or Three-Year scholarships should contact the Military Science Department Chair at the University. Applicants will be screened by a scholarship committee and selections will be forwarded to the Department of the Army for final selection.

Simultaneous Membership Program (SMP)

Qualified National Guard and Army Reserve members can enter the Advanced Course and remain in their units while combining and enhancing their pay and tuition benefits and earning their commission as a Second Lieutenant.

Paralegal Studies Program

Gail Lucas, Director
Hattiesburg, MS 39406-5108
(601) 266-4310

Students majoring in Paralegal Studies, an interdisciplinary major offered through the Department of Political Science, complete thirty-six hours of coursework. The Bachelor of Arts degree in Paralegal Studies prepares students for employment in private law firms, businesses, and government offices. Although paralegals, as non-lawyers, are legally restricted from practicing law, they assist attorneys in delivering legal services more efficiently and may perform a variety of tasks, including legal research and drafting, litigation assistantship, interviewing and investigation, and file organization and maintenance.

All students majoring in Paralegal Studies must maintain a GPA of 2.5 after 30 hours of coursework, and any students transferring to the Paralegal Studies program must attain a GPA of 2.25 prior to transferring.

Requirements for a Major in Paralegal Studies

The Paralegal Studies curriculum is interdisciplinary and includes the following requirements.

1. General Education Curriculum (70 hours) as outlined in the College of Liberal Arts preface.
2. PLS 381, 382, 383, 384, 385, 386, 387, 388
3. ENG 332 or 333
4. CJ 330
5. Two of the following electives: ACC 200; BA 200; REI 340; CJ 430, 463; CSC 100; PS 380, 480, 481, 484, 489; PLS 389, 492.
6. Eighteen (18) - Twenty-one (21) hours in a minor field.

Graduation with a degree in Paralegal Studies requires 128 hours, including at least 21 hours in courses numbered 300 and above in the major.

Students participating in PLS 389 (Internship in Paralegal Studies), an elective course, usually intern the summer between their junior and senior year.

PACE Degree Plan

Page
Paralegal Studies 260

Department of Philosophy and Religion

Forrest E. Wood, Jr., Chair
Hattiesburg, MS 39406-5015
(601) 266-4518

Bruton, Burr, DeArmey, Holley, Smithka, Sullivan

The mission of the Department of Philosophy and Religion is to teach students the art of critical thinking, to challenge them to think creatively, and to lead them to make a deliberate and rational attempt to understand both the whole and the parts of their experience for the purpose of obtaining wisdom for effective living. Accepting Socrates' belief, "The unexamined life is not worth living," we encourage students to discover and examine the basic philosophical and religious ideas of diverse cultures in order to gain illumination of personal and social values.

The department offers programs of study leading to the Bachelor of Arts with a major in philosophy, a minor in Philosophy and a minor in Religion. The major in philosophy requires thirty (30) hours of courses. This major offers both breadth and depth in philosophical training for students interested in pursuing graduate study in philosophy as well as for those majoring in philosophy as a pre-professional program in law, medicine, or other related fields. Although the department does not offer a major in religion, students can take a significant number of courses in religion to prepare them for graduate work in the academic study of religion or for pre- professional study for the ministry or religious education.

The minor in philosophy requires the completion of eighteen (18) hours in philosophy. The department recommends that the student take Introduction to Philosophy (PHI 151), Logic (PHI 253), and Ethics (356) as part of their eighteen (18) hours.

The minor in religion requires the completion of eighteen (18) hours in religion or philosophy courses closely related to religion. The department recommends that the student take Philosophy of Religion (PHI 372) and at least one course in the Eastern and one course in the Western religious traditions as part of their eighteen (18) hours.

PACE Degree Plan

Page
Philosophy 261

Department of Political Science

Ronald G. Marquardt, Chair
Hattiesburg, MS 39406-5108
(601) 266-4310

C. Davis, K. Greene, Lea, G. Lucas, McBride, Newman, J. Parker, von Herrmann, J. Waltman, Wheat, J. Wolfe

The Department of Political Science offers a major and minor in Political Science and advising in Pre-Law Studies. Degrees include the Bachelor of Arts, Master of Arts, Master of Science, and Master of Science with a Concentration in Public Administration. The master's degrees are described in the Graduate Bulletin. The Political Science major is designed to prepare students for careers in national, state, and local governments, teaching, and international service, and other fields.

Graduation with a major in Political Science requires 128 hrs. including the collegiate general education curriculum (70 hours; see College preface for these requirements), 33 hours in the major, and 18 hours in a minor field. In addition to PS 101 (American Government) and PS 201 (Great Issues of Politics), the Political Science major must take at least one course from six of the seven areas of Political Science.

The Seven Areas of Political Science

Political Theory: 321, 420, 421, 426.
American Government and Politics: 301, 303, 304, 401, 402, 403, 404, 405, 406, 407, 408, 409.
International Relations: 330, 331, 431, 432, 435.
Comparative Government: 300, 450, 451, 452, 456, 457, 458.
Public Administration: 370, 375, 470, 471, 472, 473, 474.
Public Law: 380, 480, 481, 484, 485, 489.
Research Methods: 411, 412.

Requirements for a Minor in Political Science

Students minoring in Political Science must complete PS 101, 201, and twelve (12) additional hours with at least one course from three of the seven areas of political science.

Pre-Law Advisement

Kate Greene, Adviser
Hattiesburg, MS 39406-5108
(601) 266-4310

Students interested in attending law school should consult the pre-law adviser initially. By the beginning of their second year, students should officially declare a major and minor and then see their major adviser for academic advisement. During the third year, the student should meet with the pre-law adviser for information on the Law School Admissions Test (LSAT) and admissions information.

In addition to their major and minor courses, students interested in law school can supplement their program of study with the following courses as electives: ACC 200; ENG 332 or 333; PHI 253; PLS 383; PS 301, PS 380, PS 407, PS 480, PS 481, PS 484 and/or BA 200. Students desiring to strengthen their writing skills should include additional composition courses as well.

In making admissions decisions, law schools give greatest consideration to a student's grade point average, LSAT score and writing sample, and academic letters of recommendation. Students are encouraged to major in a subject area in which they are interested and in which they can maintain a high grade point average.

PACE Degree Plan

Page
Political Science 262

Department of Speech and Hearing Sciences

Stephen E. Oshrin, Chair
Hattiesburg, MS 39406-5092
(601) 266-5216

Alexander, Berry, Buisson, Carlin, Cloud, Muma, Saniga, Schaub, Teller, Terrio

The Department of Speech and Hearing Sciences offers undergraduate curricula which provide both a broad, eclectic exposure to communication processes and disorders and a solid foundation for graduate studies in the field. The department provides an ideal blend of academic, clinical, and research activities for both undergraduate and graduate students.

Educational and Clinical Services

In addition to its academic programs, the Department of Speech and Hearing Sciences operates a number of clinical and public services: (1) The Speech-Language-Audiology Clinic provides students with an orientation to clinical procedures used in speech-language pathology and audiology; the clinic is accredited by the Professional Services Board of the American Speech-Language-Hearing Association and provides diagnostic services and therapy programs to students, faculty, and the community. (2) The Children's Center for Communication and Development provides an interdisciplinary approach to diagnosis and treatment of communicatively handicapped and developmentally delayed infants and preschool children. (3) The DuBard School for Language Disorders provides speech- language and educational services for individuals with severe disorders of language.

Requirements for a Major in Education of the Deaf

Specific course requirements for an undergraduate degree in Education of the Deaf are shown on the PACE Degree Plan. Students must adhere to all teacher education requirements, including an overall GPA of 2.50 on 44 hours of general core courses, an approved sequence of professional coursework, the successful completion of student teaching, and obtaining passing scores on the Praxis I and II. Students must earn a grade of "C" or higher in all Education of the Deaf courses and in all required professional education courses.

Requirements for a Major in Speech-Language Pathology and Audiology

The specific course requirements (shown on the PACE Degree Plan) are designed to provide a pre-professional foundation for continued coursework on the graduate level. Since professional certification and licensure require the master's degree, students should plan to apply for graduate study at the University of Southern Mississippi or another accredited graduate program following the completion of undergraduate study.

Requirements for a Minor in Education of the Deaf

All students pursuing a minor in Education of the Deaf must complete eighteen (18) hours. Courses required for the minor are SHS 323,329, 425. Recommended courses are SHS 302, 340, 421.

Requirements for a Minor in Speech-Language Pathology and Audiology

All students pursuing a minor in Speech-Language Pathology and Audiology must complete eighteen (18) hours. Courses required for the minor are SHS 211, 221, 423. Recommended courses are SHS 301, 425, 431.

PACE Degree Plans

Page
Education of the Deaf....263
Speech-Language Pathology and Audiology....264

Women's Studies Program

Anne Wallace, Director
Hattiesburg, MS 39406-5037
(601) 266-6891

The Women's Studies Program offers a minor earned through an interdisciplinary series of courses on issues and research concerning women. Its aim is to increase students' awareness, knowledge, and critical analysis of gender issues and differences.

Requirements for a Minor in Women's Studies

The minor in Women's Studies requires eighteen (18) hours. All students must complete Women's Studies 301: Introduction to Women's Studies. The remaining hours must be distributed among at least three disciplines. The following are approved for Women's Studies credit in every semester in which they are taught:

ANT 452....Language, Gender and Culture
DAN 462....Dance History I
DAN 463....Dance History II
ENG 468....British Women Writers
ENG 478....American Women Writers
NFS 453....Maternal and Child Nutrition
*NSG 327....Nursing Care of Women and Developing Families
*NSG 327L....Nursing Care of Women and Developing Families Laboratory
HIS 438....Family and Society in Medieval and Early Modern Europe
HIS 477....Women in American Society
HPR 403....Coaching the Female Athlete
PS 405....Women and Politics
SCM 475....Gender Issues in Speech Communication
SOC 415....Sex Roles and Gender in Society
WS 450....Special Topics in Women's Studies
WS 490....Directed Research in Women's Studies

*These courses are open only to student enrolled in Nursing degree programs.

Special topics courses in various disciplines will be approved for credit on a semester by semester basis, and more regular courses will be added as they are developed. Students should be advised by the program director each semester.

ADVERTISING

PACE Degree Plan (LL0)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 331, PS 321, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 331, PS 321, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (MIN OF 33 HRS)
- 01 RTF 330, RTF 425
- 02 JOU 231, JOU 330, JOU 333, JOU 421, JOU 431, JOU 433
- 03 SELECT 9-12 HRS FROM DEPTS OF JOU OR RTF

08. OTHER REQUIREMENTS (3 HRS)
- 01 SELECT 1 COURSE FROM CSS 211, BA 301, PSY 360, SOC 460

09. MINOR (REQUIRED)

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

COMMUNICATION

PACE Degree Plan (LN0)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SCM 111

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (55 HRS)
- 01 JOU 202, JOU 231, (JOU 241, JOU 241L), JOU 421
- 02 SELECT 2 COURSES FROM JOU 203, JOU 301, JOU 311, JOU 405, JOU 425, JOU 450, JOU 452, JOU 460
- 03 RTF 101
- 04 RTF 140 OR RTF 171
- 05 SELECT 2 COURSES FROM EACH GROUP BELOW:
  Group 1: RTF 407, RTF 448, RTF 460, RTF 480, RTF 481
  Group 2: RTF 370/RTF 470, RTF 473, RTF 478, RTF 479
- 06 SCM 305, SCM 311, SCM 330
- 07 SELECT 1 COURSE FROM EACH GROUP BELOW:
  Group 1: SCM 312, SCM 350, SCM 405, SCM 430, SCM 450, SCM 490
  Group 2: SCM 303, SCM 315, SCM 415
  Group 3: SCM 403, SCM 410, SCM 420, SCM 440

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

NEWS-EDITORIAL
PACE Degree Plan (L31)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (MIN OF 31 HRS)
- 01 JOU 202, JOU 203, (JOU 241, JOU 241L), JOU 303, JOU 311, JOU 312, JOU 402, JOU 450, JOU 460
- 02 SELECT 3-9 HRS FROM DEPT OF JOU

09. MINOR (REQUIRED)

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

NEWS-EDITORIAL (PHOTOJOURNALISM CONCENTRATION)

PACE Degree Plan (L31A)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (MIN OF 36 HRS)
- 01 JOU 202, JOU 203, (JOU 241, JOU 241L), (JOU 242, JOU 242L), JOU 311, JOU 312, (JOU 441, JOU 441L), JOU 450, JOU 460
- 02 SELECT 1 COURSE FROM JOU 301, JOU 303, JOU 452, JOU 455
- 03 SELECT 3 - 4 HRS FROM DEPTS OF JOU OR RTF

09. MINOR (REQUIRED)

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

PUBLIC RELATIONS
PACE Degree Plan (L32)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (MIN OF 31 HRS)
- 01 JOU 202, JOU 203, (JOU 241, JOU 241L), JOU 311, JOU 312, JOU 421, JOU 422, JOU 426, JOU 428
- 02 SELECT 3-9 HRS FROM DEPT OF JOU

08. OTHER REQUIREMENTS (3 HRS)
- 01 SELECT 1 COURSE FROM CSS 211, BA 301, PSY 360, SOC 460 (PREREQUISITE FOR JOU 426)

09. MINOR (REQUIRED)

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

BROADCAST JOURNALISM

PACE Degree Plan (L51)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (36 HRS)
- 01 JOU 202
- 02 RTF 101, RTF 111, RTF 111L, RTF 140, RTF 140L, RTF 360, RTF 402, RTF 407
- 03 RTF 304, RTF 304L, RTF 305, RTF 305L
- 04 SELECT 9 HRS FROM COURSES RTF 303/RTF 418, RTF 320, RTF 416, RTF 425, RTF 448, RTF 449, RTF 460, RTF 480, RTF 481, RTF 492, RTF 499

09. MINOR (REQUIRED)

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

FILM

PACE Degree Plan (L52)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (36 HRS)
- 01 RTF 140, RTF 140L, RTF 371, RTF 471, RTF 485
- 02 RTF 370, RTF 470, RTF 472, RTF 479,
- 03 SELECT 12 HRS FROM COURSES RTF 303 OR RTF 418, RTF 373, RTF 436, RTF 440, RTF 449, RTF 473, RTF 474, RTF 475, RTF 476, RTF 477, RTF 478, RTF 492

09. MINOR (REQUIRED)

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

RADIO-TELEVISION PRODUCTION

PACE Degree Plan (L53)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (36 HRS)
- 01 RTF 101, RTF 111, RTF 111L, RTF 360, RTF 442, RTF 460
- 02 RTF 140, RTF 140L, RTF 340, RTF 440
- 03 SELECT 12 HRS FROM COURSES RTF 303/RTF 418, RTF 320, RTF 330, RTF 407, RTF 416, RTF 425, RTF 431, RTF 447, RTF 448, RTF 449, RTF 479, RTF 480, RTF 481, RTF 492, RTF 499

09. MINOR (REQUIRED)

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

SPEECH COMMUNICATION

PACE Degree Plan (L40)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SCM 111

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (36 HRS)
- 01 SCM 305, SCM 311, SCM 330
- 02 SELECT 27 HRS FROM DEPT OF SCM.

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

SPEECH COMMUNICATION (LICENSURE)

PACE Degree Plan (L40A)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SCM 111

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (37 HRS)
- 01 SCM 303, SCM 305, SCM 311, SCM 312, SCM 330, SCM 350, SCM 411, SCM 455
- 02 THE 111, THE 120, THE 200, THE 200L, THE 320

10. TEACHER LICENSURE REQUIREMENTS (36 HRS)
- 01 PSY 110
- 02 PSY 374, REF 400, REF 469, SPE 400
- 03 CIS 313
- 04 SCM 459, SCM 459L
- 05 SCM 488, SCM 489

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 140 HRS IS REQUIRED FOR GRADUATION.

Minimum of 140 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

LIBRARY AND INFORMATION SCIENCE

PACE Degree Plan (L10)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (25 HRS)
- 01 LIS 401, LIS 405, LIS 411, LIS 416, LIS 489
- 02 SELECT 9 HRS FROM DEPT OF LIS

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

LIBRARY AND INFORMATION SCIENCE (LICENSURE)

PACE Degree Plan (L10A)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 331, PS 321,PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (27 HRS)
- 01 LIS 401, LIS 405, LIS 408, LIS 411, LIS 416, LIS 417, LIS 418
- 02 SELECT 6 HRS FROM DEPT OF LIS

10. TEACHER LICENSURE REQUIREMENTS (37 HRS)
- 01 PSY 110, PSY 374
- 02 REF 400, REF 469, SPE 400
- 03 CIS 476
- 04 LIS 491, LIS 491L
- 05 LIS 425
- 06 LIS 494 AND LIS 495

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 131 HRS IS REQUIRED FOR GRADUATION.

Minimum of 131 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

AMERICAN STUDIES

PACE Degree Plan (L20)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (30 HRS)
- 01 SELECT 9 HRS FROM COURSES ENG 370 - ENG 373, ENG 470 - ENG 473, ENG 477, ENG 478, ENG 485, ENG 489, HIS 344, HIS 360, HIS 372, HIS 375, HIS 417, HIS 460 - HIS 471, HIS 473, HIS 474, HIS 476, HIS 477, HIS 478, PS 301, PS 303, PS 321, PS 330, PS 370 - PS 403, PS 406, PS 408, PS 409, PS 472, PS 473, PS 480, PS 481, PS 489. MAX OF 1 COURSE PER DEPT.
- 02 SELECT 9 HRS FROM COURSES AMS 304, AMS 404, ANT 315, ANT 333, ANT 334, ANT 433, CJ 200 - CJ 330, CJ 352, CJ 360, CJ 440, CJ 463, CJ 470, CJ 472, CJ 480, ECO 305, ECO 330, ESC 301, GHY 370, GHY 401, GHY 402, GHY 435, GHY 440, HPR 200, JOU 421, JOU 450 - JOU 460, MUS 332, MUS 366, MUS 432, PHI 440, PSY 450, PSY 456, PSY 470, RTF 370, RTF 448, RTF 460, RTF 478, SOC 240, SOC 301, SOC 310 - SOC 314, SOC 415, SOC 424, SOC 444, SOC 471, SOC 475. MAX OF 1 COURSE PER DEPT.
- 03 SELECT ANY 3 COURSES FROM BOTH GROUPS ABOVE
- 04 AMS 403

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

ANTHROPOLOGY

PACE Degree Plan (LE0)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (33 HRS)
- 01 ANT 221
- 02 ANT 231, ANT 241, ANT 251, ANT 421
- 03 SELECT 18 HRS FROM DEPT OF ANT

09. MINOR (REQUIRED)

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

SOCIOLOGY

PACE Degree Plan (LT0)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 FOREIGN LANGUAGE: 12 HRS IN ONE LANGUAGE. WITH ADVISER'S APPROVAL, SHS MAJORS MAY SUBSTITUTE 9 HRS. OF SIGN LANGUAGE.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (33 HRS)
- 01 SOC 101
- 02 SOC 460, SOC 462
- 03 SOC 482
- 04 SELECT 21 HRS FROM THE DEPT OF SOCIOLOGY

09. MINOR (REQUIRED)

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

CRIMINAL JUSTICE

PACE Degree Plan (LB0)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS IN A SINGLE FOREIGN LANGUAGE. SPA IS RECOMMENDED FOR CJ MAJORS. SPA 361 MAY BE SUBSTITUTED FOR SPA 202.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 CJ MAJORS MAY USE FSC 440 AS CORE SCIENCE ELECTIVE.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (45 HRS)
- 01 FSC 440
- 02 ENG 332 OR ENG 333
- 03 CJ 200, CJ 325, CJ 330, CJ 341, CJ 352, CJ 360, CJ 420, CJ 430
- 04 SELECT AT LEAST 5 COURSES FROM CJ 331, CJ 332, CJ 342, CJ 353, CJ 364, CJ 370, CJ 371, CJ 426, CJ 431, CJ 433, - CJ 440 - CJ 451, CJ 463, CJ 464, CJ 470, CJ 471, CJ 480

09. MINOR OR BLOCK REQUIRED (18 HRS)

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

JUVENILE JUSTICE

PACE Degree Plan (LB1)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS IN A SINGLE FOREIGN LANGUAGE. SPA IS RECOMMENDED FOR CJ MAJORS. SPA 361 MAY BE SUBSTITUTED FOR SPA 202.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 CJ MAJORS MAY USE FSC 440 AS CORE SCIENCE ELECTIVE.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 331, PS 321,PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (48 HRS)
- 01 FSC 440
- 02 ENG 332 OR ENG 333
- 03 CJ 200, CJ 325, CJ 330, CJ 341, CJ 352, CJ 420, CJ 430.
- 04 CJ 360, CJ 364, CJ 460, CJ 461, CJ 463.
- 05 SELECT AT LEAST 2 COURSES FROM CJ 331, CJ 332, CJ 342, CJ 353, CJ 370, CJ 371, CJ 426, CJ 431, CJ 433, CJ 450, CJ 451, CJ 464, CJ 470, CJ 471, CJ 472, CJ 480, CJ 492

09. MINOR REQUIREMENTS (18 HRS)

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 133 HRS IS REQUIRED FOR GRADUATION.

Minimum of 133 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

ECONOMICS (WITH MATHEMATICS)

PACE Degree Plan (LI0B)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 331, PS 321,PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (58.5 HRS)
- 01 BA 301, BA 303
- 02 ECO 202, ECO 305, ECO 330, ECO 336, ECO 340, ECO 345, ECO 436, ECO 440, ECO 450
- 03 MAT 178, MAT 179, MAT 280, MAT 326, MAT 340
- 04 MIS 201, MIS 202
- 05 SELECT 6 HOURS FROM: RECOMMEND–MAT 320 AND MAT 420 OR PS 375 AND PS 474 OTHERS–ANT 423, BA 200, CJ 470, GHY 350, GHY 440, GHY 451, PLG 360, PLG 461, PLG 463, PS 473, PS 480, SOC 301, SOC 475, AND INTERNATIONAL STUDY COURSES APPROVED BY ADVISER.

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128.5 HOURS IS REQUIRED FOR GRADUATION.

Minimum of 128.5 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

ECONOMICS (WITH SOCIAL SCIENCE)

PACE Degree Plan (LI0A)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 331, PS 321,PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (60.5 HRS)
- 01 BA 301, BA 303
- 02 ECO 202, ECO 305, ECO 330, ECO 336, ECO 340, ECO 345, ECO 436, ECO 440
- 03 MIS 201, MIS 202
- 04 PS 331, PS 370, PS 375, PS 474, PS 480
- 05 SELECT 15 HOURS FROM: ANT 423, BA 200, CJ 470, GHY 350, GHY 440, GHY 451, MAT 320, MAT 420, PLG 360, PLG 461, PLG 463, PS 473, SOC 301, SOC 475, AND INTERNATIONAL STUDY COURSES APPROVED BY ADVISER.

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 130.5 HOURS IS REQUIRED FOR GRADUATION.

Minimum of 130.5 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

ENGLISH

PACE Degree Plan (L60)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (36 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371
- 03 ENG 340
- 04 SELECT 27 HRS FROM DEPT OF ENG. SEE YOUR BULLETIN FOR DISTRIBUTION REQUIREMENTS. AT LEAST 3 HRS MUST BE IN AMERICAN LIT, 3 HRS IN ENGLISH/WORLD LIT BEFORE 1700, AND 3 HRS AFTER 1700. AT LEAST 9 HRS MUST BE AT COURSE LEVEL 400.

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

ENGLISH (LICENSURE)
PACE Degree Plan (L60A)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, (PSY 11), SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (36 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371
- 03 ENG 311, ENG 340, ENG 301, ENG 403, ENG 418, ENG 490
- 04 ENG 454 OR ENG 455
- 05 SELECT 9 HRS FROM DEPT OF ENG. 3 HRS MUST BE IN AMERICAN LIT, 3 HRS IN ENGLISH/WORLD LIT BEFORE 1700, AND 3 HRS AFTER 1700.

10. TEACHER LICENSURE REQUIREMENTS (36 HRS)
- 01 PSY 110, PSY 374
- 02 REF 400, REF 469, SPE 400
- 03 CIS 313
- 04 ENG 491, ENG 491L
- 05 ENG 494 AND ENG 495

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 130 HRS IS REQUIRED FOR GRADUATION.

Minimum of 130 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

FOREIGN LANGUAGES: FRENCH

PACE Degree Plan (L70B)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (24 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 FOREIGN LANGUAGE: COURSE LEVEL 101, 102.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (30 HRS)
- 01 SELECT 30 HRS (COURSE LEVEL 200 OR 300 OR 400) FROM DEPT OF FRE . SEE YOUR BULLETIN FOR DISTRIBUTION REQUIREMENTS AND RECOMMENDED COURSES.

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

FOREIGN LANGUAGES: SPANISH

PACE Degree Plan (L70C)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (24 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 FOREIGN LANGUAGE: COURSE LEVEL 101, 102.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (30 HRS)
- 01 SELECT 30 HRS (COURSE LEVEL 200 OR 300 OR 400) FROM DEPT OF SPA . SEE YOUR BULLETIN FOR DISTRIBUTION REQUIREMENTS AND RECOMMENDED COURSES.

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

FOREIGN LANGUAGES: TWO-LANGUAGE CONCENTRATION

PACE Degree Plan (L70D)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (24 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 FOREIGN LANGUAGE: COURSE LEVEL 101, 102.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (30 HRS)
- 01 SELECT 30 HRS IN TWO FOREIGN LANGUAGES. SEE YOUR BULLETIN FOR DISTRIBUTION REQUIREMENTS.

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

FOREIGN LANGUAGES (LICENSURE)

PACE Degree Plan (L70A)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (24 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 FOREIGN LANGUAGE: COURSE LEVEL 101, 102.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (27 HRS)
- 01 SELECT 27 HRS IN FRE OR SPA; MAY INCLUDE FL COURSES. SEE YOUR ADVISER FOR ASSISTANCE IN PLANNING YOUR PROGRAM.

10. TEACHER LICENSURE REQUIREMENTS (36 HRS)
- 01 PSY 110
- 02 PSY 374, REF 400, REF 469, SPE 400
- 03 CIS 313
- 04 FL 461, FL 461L
- 05 FL 494 AND FL 495

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

GENERAL STUDIES: LIBERAL ARTS CURRICULUM

PACE Program Plan (L00A)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

11. ELECTIVES
- 01 GS 101 (REQUIRED FOR ENTERING GS STUDENTS)

General Studies is not a degree program.

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

GENERAL STUDIES: UNIVERSITY CURRICULUM

PACE Program Plan (L00B)

01. REASONING AND COMMUNICATION SKILLS (12-15 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330
- 04 CATEGORY I ELECTIVE: 0 - 3 HRS.

02. HUMANITIES AND FINE ARTS (12-15 HRS)
- 01 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 02 ENG 203
- 03 HIS 101 AND HIS 102
- 04 CATEGORY II ELECTIVE: 0 - 3 HRS.

03. SOCIAL AND BEHAVIORAL SCIENCES (6-9 HRS)
- 01 SELECT 6 HRS FROM COURSES ANT 101, ANT 221, ECO 200, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, PSY 375, SOC 101, SOC 240, SOC 314
- 02 CATEGORY III ELECTIVE: 0 - 3 HRS.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LABORATORY SCIENCES: 8 HRS.
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

11. ELECTIVES
- 01 GS 101 (REQUIRED FOR ENTERING GS STUDENTS)

General Studies is not a degree program.

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

HISTORY

PACE Degree Plan (L90)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (36 HRS)
- 01 HIS 101, HIS 102, HIS 201, HIS 202
- 02 HIS 300
- 03 SELECT 21 HRS FROM DEPT OF HIS. SEE YOUR BULLETIN FOR DISTRIBUTION REQUIREMENTS.

08. OTHER REQUIREMENTS (1 HR)
- 01 LIS 301

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

HISTORY (LICENSURE IN SOCIAL STUDIES)

PACE Degree Plan (L90A)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (57 HRS)
- 01 HIS 101, HIS 102, HIS 201, HIS 202
- 02 ECO 201, ECO 202/ECO 305
- 03 GHY 101
- 04 PS 101, PS 301
- 05 SELECT 1 COURSE FROM COURSES ANT 101, ANT 221, SOC 101, SOC 240, SOC 314
- 06 SELECT 1 COURSE FROM GHY 331, GHY 341, GHY 350
- 07 HIS 300, HIS 305, HIS 310, HIS 370,
- 08 SELECT 12 HRS FROM DEPT OF HIS. SHOULD BE IN U.S. OR EUROPEAN HISTORY.

08. OTHER REQUIREMENTS (1 HR)
- 01 LIS 301

10. TEACHER LICENSURE REQUIREMENTS (36 HRS)
- 01 PSY 110, PSY 374
- 02 REF 400, REF 469, SPE 400
- 03 CIS 313
- 04 HIS 488, HIS 488L
- 05 HIS 490 AND HIS 491

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 139 HRS IS REQUIRED FOR GRADUATION.

Minimum of 139 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

INTERNATIONAL STUDIES

PACE Degree Plan (LK0)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

07. MAJOR REQUIREMENTS (48 HRS)
- 01 GHY 341, HIS 473, IS 491, IS 492, PS 331
- 02 12-15 HRS OF APPROVED COURSES RELATED TO INTERNATIONAL AFFAIRS
- 03 SELECT 12 HRS OF CRS FROM ONE GEOGRAPHICAL AREA (AFRICA, ASIA, EUROPE, OR LATIN AMERICA) WHICH HAVE BEEN APPROVED BY PROGRAM DIRECTOR
- 04 SELECT 6-9 HRS FROM COURSES IS 496, IS 497, IS 498, AND IS 499 WHICH HAVE BEEN APPROVED BY PROGRAM DIRECTOR

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

PARALEGAL STUDIES
PACE Degree Plan (LC0)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (36 HRS)
- 01 PLS 381, PLS 382, PLS 383, PLS 384, PLS 385, PLS 386, PLS 387, PLS 388
- 02 CJ 330
- 03 ENG 332 OR ENG 333
- 04 SELECT 2 COURSES FROM COURSES ACC 200, BA 200, REI 340, CJ 430, CJ 463, CSC 100, PS 380, PS 480, PS 481, PS 484, PS 489, PLS 389, PLS 492

09. MINOR REQUIRED

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

PHILOSOPHY

PACE Degree Plan (LD0)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (30 HRS)
- 01 PHI 151
- 02 PHI 253, PHI 356, PHI 410, PHI 412
- 03 SELECT 12 HRS FROM DEPT OF PHI
- 04 SELECT 3 HRS FROM DEPT OF REL

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 139 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

POLITICAL SCIENCE
PACE Degree Plan (LA0)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 12 HRS (NORMALLY 101, 102, 201, 202) IN A SINGLE FOREIGN LANGUAGE: FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA. AS FEW AS 6 HRS MAY SUFFICE DEPENDING ON PLACEMENT.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (33 HRS)
- 01 PS 101, PS 201
- 02 SELECT 1 COURSE FROM 6 OF THE 7 AREAS OF POLITICAL SCIENCE:
  1. POLIT. THEORY: 321, 420, 421, 426
  2. AM. GOVT.: 301, 303, 304, 401-409
  3. INT. REL.: 330, 331, 431, 432, 435
  4. COMP. GOVT.: 300, 450-452, 456-458
  5. PUB. ADM.: 370, 375, 470-474
  6. PUB. LAW: 380, 480, 481, 484, 485, 489
  7. Research Methods: 411, 412
- 03 SELECT 9 HRS FROM DEPT OF PS

09. MINOR (REQUIRED)

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 128 HRS IS REQUIRED FOR GRADUATION.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

EDUCATION OF THE DEAF

PACE Degree Plan (LR0)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 FOREIGN LANGUAGE: 12 HRS IN ONE LANGUAGE. WITH ADVISER'S APPROVAL, SHS MAJORS MAY SUBSTITUTE 9 HRS. OF SIGN LANGUAGE.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (48 HRS)
- 01 SHS 323, SHS 329, SHS 340
- 02 SHS 201, SHS 221, SHS 301, SHS 302, SHS 312, SHS 421, SHS 425, SHS 432, SHS 435, SHS 436
- 03 CIE 301, CIR 309, CIE 317

08. OTHER REQUIREMENTS (1-3 HRS)
- 01 SHS 312

10. TEACHER LICENSURE REQUIREMENTS (35 HRS)
- 01 PSY 110
- 02 PSY 374, REF 400, REF 469, SPE 400
- 03 SHS 422
- 04 SHS 433
- 05 SHS 495 AND SHS 496

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 139 HRS IS REQUIRED FOR GRADUATION.

Minimum of 139 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

SPEECH-LANGUAGE PATHOLOGY AND AUDIOLOGY

PACE Degree Plan (LS0)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101 AND ENG 102
- 02 MAT 101
- 03 SELECT 1 COURSE FROM SCM 111, SCM 305, SCM 320, SCM 330

02. HUMANITIES AND FINE ARTS (30 HRS)
- 01 ENG 203
- 02 SELECT 1 COURSE FROM AA 100, ART 130, DAN 107, MUS 365, THE 100
- 03 FOREIGN LANGUAGE: 12 HRS IN ONE LANGUAGE. WITH ADVISER'S APPROVAL, SHS MAJORS MAY SUBSTITUTE 9 HRS. OF SIGN LANGUAGE.
- 04 HIS 101 AND HIS 102
- 05 HUMANITIES: SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, RTF 170.
- 06 PHI 151 OR REL 131

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SELECT 12 HRS FROM COURSES ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314. MAX OF 3 HRS PER DEPT.

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 LAB SCIENCE: 8 HRS. RECOMMENDED COURSES INCLUDE (AST 111, AST 111L), (AST 112, AST 112L), (BSC 103, BSC 103L), (CHE 104, CHE 104L), (GLY 101, GLY 101L).
- 02 SCIENCE OR MATH ELECTIVE: 3 - 4 HRS. RECOMMENDED COURSES INCLUDE ANT 241, ESC 301, NFS 362, GHY 325. SCI/MATH ELECTIVE MUST NOT DUPLICATE CONTENT OF LAB SCIENCES.

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. HUMANITIES/SOCIAL SCIENCE ELECTIVE (3 HRS)
- 01 SELECT 1 COURSE FROM AMS 304, AMS 404, ENG 200, ENG 201, ENG 202, ENG 350, ENG 351, ENG 370, ENG 371, HIS 201, HIS 202, ANT 101, ANT 221, ECO 201, GHY 101, GHY 102, GHY 331, GHY 341, PS 101, PS 201, PS 321, PS 331, PSY 110, SOC 101, SOC 240, SOC 314, RTF 170

07. MAJOR REQUIREMENTS (67 HRS)
- 01 SHS 201, (SHS 202, SHS 202L), SHS 211, SHS 221, SHS 310, SHS 301, SHS 302, SHS 303, SHS 306, SHS 308, SHS 410, SHS 411, SHS 412, SHS 421, SHS 430, SHS 431, SHS 432
- 02 PSY 110
- 03 PSY 370 OR PSY 372
- 04 PSY 374
- 05 REF 400
- 06 SPE 400

11. ELECTIVES
- 01 CHOOSE ELECTIVES AS NEEDED. A MINIMUM OF 131 HRS IS REQUIRED FOR GRADUATION.

Minimum of 131 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

College of Nursing

Academic Offering

2000-2001

School/Department	Major/Emphasis	Degree**
COLLEGE OF NURSING		
	NURSING	BSN

**Degree Abbreviation: (BSN) Bachelor of Science in Nursing

College of Nursing

Gerry Cadenhead, Dean
Hattiesburg, MS 39406-5095
(601) 266-5639

Pat Kurtz, Assistant Dean of Graduate Program
Hattiesburg, MS

Norma Cuellar, Assistant Dean of Undergraduate Program
Hattiesburg, MS

Application Information (601) 266-5456

Deolinda Mignor, Coordinator, Gulf Coast
Long Beach, MS 39560-2699
(228) 865-4517

Luann Daggett, Coordinator, Meridian
Meridian, MS 39307-5799
(800) 824-5288

Anderson, Bender*, Bowman, Brock, Butts, Cagle, Cadenhead, Cater, Chatham, Copeland, Coyne, Cuellar, Dalgo*, Decoux*, Douglas, Dubuisson, Farmer, Ferguson*, Fooladi, Harbaugh, Harris, Harrison, Hartman, Haspeslagh, Hilton, Hobson, Huch, Janes, Johnson, Kurtz, Lauterbach, Lee, Lester, Lewis*, Lundy, Martin*, Masters, Porter, Rachel*, Reinert, Richeson, Rogers, Sheridan*, Smith, Stewart, Turner, Walker, Walley
****Adjunct Faculty***

Mission

The College of Nursing provides educational programs to prepare professional practitioners in the discipline of nursing for diverse populations, promotes service activities to the community, nursing profession, and University, and fosters research and scholarly activities to expand nursing knowledge and practice. The curricula prepare the beginning generalist in professional nursing and the advanced practitioner for leadership in health care systems.

The faculty envision the College of Nursing as an academic entity in which a diversified body of undergraduate and graduate students are prepared as expert nursing professionals and are able to think critically and provide leadership at various levels in their fields of practice. The College is viewed as a center for the development of new knowledge and improved forms of practice for nursing.

The faculty envision that the College of Nursing of The University of Southern Mississippi will be distinguished as

1. a statewide and regional center for nursing education, practice expertise, and leadership;
2. a center of academic excellence grounded in the most innovative nursing education and the most advanced research;
3. a provider of regional health initiatives to promote and maintain the health and health care of citizens; and
4. a center of doctoral education in nursing for the state.

Organization and Administration

The College of Nursing offers programs at three sites—Hattiesburg, the Gulf Coast, and Meridian. The Dean of the College of Nursing is responsible for the implementation of programs on all sites. The Assistant Deans for undergraduate and graduate programs facilitate the implementation of these curriculum. There are coordinators at Meridian and the Gulf Coast campuses who coordinate scheduling and student admission and advisement at these sites.

History

Following a year of planning and curriculum development, the first students were admitted to the School of Nursing in September, 1967. The School of Nursing received National League for Nursing accreditation in 1969. The first Bachelor of Science degrees with Nursing as a major were conferred in May, 1969. The degree title was changed to Bachelor of Science in Nursing (BSN) April 1991. The School became the College of Nursing in November, 1997.

Accreditation

The College of Nursing program is accredited by the National League for Nursing Accrediting Commission and approved by the Board of Trustees of State Institutions of Higher Learning and the Commission on Collegiate Nursing Education (CCNE).

Baccalaureate Program

The Baccalaureate Program offers broad preparation in general education, as well as education for the professional practice of nursing in a variety of settings. Courses in the liberal arts and humanities, the sciences, and the professional component are selected to prepare the student to effectively assume the role of citizen and professional practitioner. Part-time studies are available; however, full-time students will be given priority for class space.

Successful completion of the nursing program leads to the awarding of the Bachelor of Science in Nursing Degree and permits the student to make application to take the National Council Licensure Examination for R.N. licensure. Applicants who have been convicted or have charges pending against them for a felony or misdemeanor in any state may be denied permission to take the licensure examination by the State Board of Nursing.

Admission

All students entering the College of Nursing directly from high school and all students transferring to the College are subject to the admission procedures and standards of the University. Admission to The University of Southern Mississippi as a pre-nursing student does not insure progression to the upper division nursing major.

Students having completed at least 75% of the prerequisite nursing courses may make application to the College of Nursing for progression to the Nursing major. Application forms may be obtained through the Office of Student Services, Room 116 Harkins Hall. The deadline for return of completed applications is as follows:

Fall term admission—March 1.

Spring term admission—October 1.

In addition to filing an application, the following minimum requirements must be met for consideration for admission to the College of Nursing.

1. An Enhanced ACT of 21 or above. A corresponding score on the ACT taken prior to October 1989 or the SAT is acceptable. (Not applicable to RN-BSN students.)
2. An overall grade point average of 2.5 on courses prerequisite to the nursing major.
3. A minimum of a C in each prerequisite course applicable to the nursing curriculum.
4. Two of the four natural science requirements must be completed prior to making application for Fall admission. Three of the four natural science requirements must be completed prior to making application for Spring admission.

Note: Only one natural science course may be repeated one time.

The number of students admitted each semester will vary according to the resources available. Mississippi residents and students who have completed the nursing pre-requisites at USM will receive priority in admission to the College of Nursing.

Academic Probation/Dismissal

The following policies apply to all students admitted to the College of Nursing:

1. A student may repeat only one nursing course one time depending on availability of space in the course.
2. The student who receives a second grade below a C in a nursing course is dropped from the program. Notification of dismissal will be sent to the student. The student may appeal the dismissal to the Admissions, Progression, Retention and Recruitment Committee.
3. The inability to function safely in a clinical setting is cause for dismissal from the nursing program (See current policies on safe clinical practice).
4. Students who violate codes of moral/ethical conduct will be dismissed from the nursing program. (See current policies on professional integrity and impaired student nurse policy).

Readmission

Students who have previously enrolled in nursing courses, have a break in attendance of one or more terms, and leave in good standing must file an application for readmission to the College of Nursing. The deadline for return of completed applications is as follows:

Fall term readmission—March 1.

Spring term readmission—October 1.

Students are subject to the curriculum plan of study as outlined in the Undergraduate Bulletin of the year of readmission. Students must also meet the readmission policies of the University.

Student Advisement

Each student admitted to the program will be assigned an adviser. The adviser will assist the student in planning a program of study toward the degree, approve the schedule each semester, provide counsel, and sign the application for degree.

Expenses

The general fees and expenses are the same for nursing students as for other University students. Additional expenses incurred by nursing students such as uniforms, books, insurance, student nurse organization fees, etc., are estimated as follows:

3rd Year	4th Year
$800.00	$400.00

Travel: Students are responsible for arranging transportation to off-campus hospitals and other agencies which constitute part of the program.

Insurance

Students enrolled in courses in the upper division nursing major of the nursing program are required to purchase professional and personal liability insurance through the University; a fee will be charged at the time of registration. Automobile liability insurance is required.

Health Examination

A physical examination and selected immunizations are required for admission to the upper division nursing major. A TB skin test is required yearly for the remainder of the time required to complete the program. Hepatitis vaccinations are encouraged. (See the College of Nursing Handbook for specific requirements.)

Registered Nurse Students*

Registered nurse students must complete the same Bachelor of Science in Nursing degree prerequisites as all other degree candidates in the College of Nursing. The prerequisites may be taken at The University of Southern Mississippi or at another accredited college or university. (See University Bulletin for limitation of transfer credits.)

For registered nurse students, the NCLEX RN licensure exam will be used to validate previously earned nursing credit. At the successful completion of NSG 403, students will register for NSG 307, 361, 362, and 363. A Mississippi License is required for admission to this program.

For further information write or call:

College of Nursing
The University of Southern Mississippi
Box 5095
Hattiesburg, MS 39406-5095
(601) 266-5639

Pace Degree Plans

Page
Baccalaureate....269
RN Completion....270

* Registered nurse student is a student who: (1) Is a graduate from either an associate degree program in nursing or a diploma nursing program; (2) Is registered to practice nursing in Mississippi; and (3) Is admitted to and enrolled in The University of Southern Mississippi with the nursing major.

BACCALAUREATE NURSING

PACE Degree Plan (HE1, HE2)

01. REASONING AND COMMUNICATION SKILLS (15 HRS)
- 01 ENG 101 AND ENG 102.
- 02 MAT 101 OR HIGHER LEVEL.
- 03 CSS 100 OR CSS 240 OR CSS 330
- 04 SCM 111 OR SCM 305.

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101 AND HIS 102.
- 02 ENG 203.
- 03 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100.

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SOC 101.
- 02 PSY 110 AND PSY 110L.
- 03 PSY 375
- 04 SOC 314

04. NATURAL AND APPLIED SCIENCES (15 HRS)
- 01 BSC 250, BSC 250L
- 02 BSC 251, BSC 251L
- 03 BSC 280 OR BSC 380
- 04 CHE 106, CHE 106L

05. HUMAN WELLNESS (3 HRS)
- 01 NFS 367 OR NFS 362

06. SCHOOL OF NURSING REQUIREMENTS (73 HRS)
- 01 PSY 360 OR CHS 440
- 02 SELECT 3 HOURS FROM ANY DEPT
- 03 NSG 312
- 04 NSG 322, NSG 322L
- 05 NSG 323, NSG 323L
- 06 NSG 350, NSG 352
- 07 NSG 326
- 08 NSG 327, NSG 327L
- 09 NSG 328, NSG 328L
- 10 NSG 412, NSG 412L
- 11 NSG 413, NSG 413L
- 12 NSG 429
- 13 NSG 427, NSG 427L
- 14 NSG 428, NSG 428L
- 15 NSG 430L

A Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

NURSING (RN Completion)

PACE Degree Plan (HE3, HE4, HE5)

01. REASONING AND COMMUNICATION SKILLS (15 HRS)
- 01 ENG 101 AND ENG 102.
- 02 MAT 101 OR HIGHER LEVEL.
- 03 CSS 100 OR CSS 240 OR CSS 330
- 04 SCM 111 OR SCM 305.

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101 AND HIS 102.
- 02 ENG 203.
- 03 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100.

03. SOCIAL AND BEHAVIORAL SCIENCES (12 HRS)
- 01 SOC 101.
- 02 PSY 110 AND PSY 110L.
- 03 PSY 375
- 04 SOC 314

04. NATURAL AND APPLIED SCIENCES (15 HRS)
- 01 BSC 250, BSC 250L
- 02 BSC 251, BSC 251L
- 03 BSC 280
- 04 CHE 106, CHE 106L

05. HUMAN WELLNESS (3 HRS)
- 01 NFS 367 OR NFS 362

06. SCHOOL OF NURSING REQUIREMENTS (71 HRS)
- 01 PSY 360 OR CHS 440
- 02 SELECT 4 HOURS FROM ANY DEPT
- 03 NSG 361
- 04 NSG 362
- 05 NSG 363
- 06 NSG 322, NSG 322L
- 07 NSG 326
- 08 NSG 403
- 09 NSG 427, NSG 427L
- 10 NSG 465, NSG 465L
- 11 NSG 429
- 12 NSG 469L
- 13 NSG 307
- 14 NSG 438
- 15 SELECT 6 HOURS FROM DEPT OF NSG

A Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

College of Science and Technology

Academic Offerings

2000-2001

School/Department	Major/Emphasis	Degree***
SCHOOL OF ENGINEERING TECHNOLOGY		
	ARCHITECTURAL ENGINEERING TECHNOLOGY*	BS
	COMPUTER ENGINEERING TECHNOLOGY*	BS
	CONSTRUCTION ENGINEERING TECHNOLOGY (CIVIL OPTION)*	BS
	ELECTRONICS ENGINEERING TECHNOLOGY*	BS
	INDUSTRIAL ENGINEERING TECHNOLOGY*	BS
	Industrial Engineering Technology Emphasis	
	Manufacturing Technology Emphasis	
	WORKFORCE TRAINING AND DEVELOPMENT	BS
	Computer Technology Emphasis	
	Construction Emphasis	
	Environmental Sciences Emphasis	
	Industrial/Manufacturing Emphasis	
	MECHANICAL ENGINEERING TECHNOLOGY*	BS
	PRE-ENGINEERING**	
	PRE-ARCHITECTURE**	
	SOFTWARE ENGINEERING TECHNOLOGY	BS
SCHOOL OF POLYMERS AND HIGH PERFORMANCE MATERIALS		
	POLYMER SCIENCE*	BS
	(FORENSIC SCIENCE)****	
BIOLOGICAL SCIENCES		
	BIOLOGICAL SCIENCES*	BS
	Biological Sciences Emphasis	
	Environmental Biology Emphasis	
	Microbiology Emphasis	
	Molecular Biology Emphasis	
	MARINE BIOLOGY	BS
CHEMISTRY AND BIOCHEMISTRY		
	CHEMISTRY*	BS
	ACS Certified Biochemistry Emphasis	
	ACS Certified Chemistry Emphasis	
	Biochemistry Emphasis	
	Chemistry Emphasis	

COMPUTER SCIENCE AND STATISTICS		
	COMPUTER SCIENCE*	BS
	Computer Science Emphasis	
	Statistics Emphasis	
GEOLOGY		
	GEOLOGY*	BS
MATHEMATICS		
	MATHEMATICS*	BS
MEDICAL TECHNOLOGY		
	MEDICAL TECHNOLOGY	BS
PHYSICS AND ASTRONOMY		
	PHYSICS*	BS
ADDITIONAL PROGRAMS		
	(ENVIRONMENTAL SCIENCE)****	
	(GENERAL SCIENCE)****	
	(PREPROFESSIONAL PROGRAMS)	
	Pre-Cytotechnology**	
	Pre-Dental**	
	Pre-Dental Hygiene**	
	Pre-Health Information Management**	
	Pre-Medical**	
	Pre-Occupational Therapy**	
	Pre-Optometry**	
	Pre-Pharmacy**	
	Pre-Physical Therapy**	
	Pre-Veterinary**	

* Minor available.

** These programs do not lead to degrees. Students in a preprofessional program will select an academic major with a "minor" in the appropriate preprofessional area. They will either complete the degree or transfer to the appropriate professional school after satisfying its entrance requirements.

*** Degree Abbreviations: (BS) Bachelor of Science

**** Only a minor is available

College of Science and Technology

Stephen A. Doblin, Dean
C. Howard Heiden, Senior Associate Dean
R.D. Ellender, Associate Dean for Research and Development
Robin Barnett, Associate to the Dean for Student Services and Preprofessional Programs
Pamela G. Posey, Assistant to the Dean for Budgets and Special Administrative Services
Hattiesburg, MS 39606-5165
(601) 266-4883

The College of Science and Technology provides training in all of the classical fields of science, several contemporary multidisciplinary areas, and "career-oriented" technology degree programs.

The College of Science and Technology is organized into three schools, eight departments, and six centers or institutes. The School of Engineering Technology includes programs in Architectural, Computer, Construction, Electronics, Industrial, Mechanical and Software Engineering Technology at the undergraduate level; a program in Industrial Training is also available. The School of Mathematical Sciences includes the departments of Computer Science and Statistics, Mathematics, and Physics and Astronomy; descriptions of its undergraduate programs can be found in the listings of its departments. The School of Polymers and High Performance Materials offers programs of study in Polymer Science. Other departments of the College include Biological Sciences, Chemistry and Biochemistry, Geology, and Medical Technology. The centers and institutes include those for Science and Mathematics Education, Environmental Science, Molecular and Cellular Biosciences, Formulation Science, and the Mississippi Polymer Institute.

Preprofessional programs are offered by the College of Science and Technology in the following health related areas: medicine, dentistry, veterinary medicine, pharmacy, physical therapy, optometry, dental hygiene, health information management, occupational therapy, and cytotechnology. These programs are administered by the Premedical and Health Professions Office. The College also provides pre-engineering and pre-architecture curricula.

Students who matriculate at USM as a College of Science and Technology major may not subsequently attend another institution of higher learning (e.g., community/junior college, 4-year college, or university) with the intention of transferring courses taken at these institutions back to their USM degree program unless they have received prior approval to take such courses by their department chair and college dean. USM students who take courses at another institution of higher learning without obtaining prior approval of their chair and dean may petition their chair and dean for inclusion of such courses in their USM degree program, but approval will be granted only if the reasons for not obtaining prior approval are substantial and warrant such an exception to the above stated policy. In all but the most unusual circumstances, USM students who take courses at another institution to repeat courses already taken at USM will not be allowed to count these courses towards the completion of their USM degree. USM students majoring in degree programs outside the College of Science and Technology who subsequently request transfer into one of the College of Science and Technology degree programs must meet all of the above conditions or receive prior approval by their new chair and dean for any exceptions.

Teacher Licensure

The College of Science and Technology offers several programs leading to teacher licensure at the K-12 or secondary level. Requirements for licensure include (1) an ACT composite score of 21 (SAT 860) or higher, with no scale score below 18 upon entrance into college or acceptable scores on the appropriate Praxis I examination; (2) a minimum grade point average on the 44-semester-hour general education core curriculum of 2.65 (for secondary) or 2.5 (for K-12); (3) admission to the teacher education program; (4) a "C" average in Freshman English Composition; (5) completion of 32 hours of professional education courses (PSY 374; REF 400; REF 469; SPE 400; a General Methods course; an Area Methods course; and Student Teaching); (6) a grade of "C" or better in all content courses in the academic major as well as all professional education courses; (7) acceptable scores on the Praxis II examinations (Principles of Learning and Teaching exam and Subject Assessment exam); and (8) fulfillment of major requirements in subject area.

These requirements are subject to modification; for current information students should contact the University's Education Licensure adviser, 116 Owings-McQuagge Hall; phone 266-5522.

The State Department of Education also provides an alternate route to licensure for graduates of an accredited college or university. For details and specific procedures contact:

The Office of Educator Licensure
State Department of Education
Post Office Box 771
Jackson, Mississippi 39205
Telephone: (601) 359-3483

A student wishing to obtain a Bachelor of Science degree from the College of Science and Technology must complete the following College of Science and Technology requirements.

		Hours
I.	**Reasoning and Communication Skills (18 hours)**	
	English 101, 102 and Speech Communication	9
	Computer Science (programming language)	3
	*Mathematics (MAT 101 or higher)	6
II.	**Humanities and Fine Arts (12 hours)**	
	World Literature (ENG 203)	3
	World Civilization (HIS 101 and HIS 102)	6
	Allied Arts, Art, Music, or Theater (one of AA 100, ART 130, DAN 107, MUS 365, THE 100)	3
III.	**Social and Behavioral Sciences (6 hours)**	
	Anthropology, Economics, Geography, Psychology, Political Science, Sociology (one course from any two of the preceding areas; ANT 101 or 221; ECO 200 or 201; GHY 101, 102, 331, or 341; PS 101, 220, 331, or 425; PSY 110 or 375; SOC 101, 240, or 314)	6
IV.	**Natural and Applied Sciences (17 hours)**	
	Laboratory Science (excluding Fundamentals of Science and Mathematics)	8
	Laboratory Science, Non-Laboratory Natural Science, or Applied Science or Technology (excluding Fundamentals of Science and Mathematics)	6
	*Mathematics	3
V.	**Human Wellness (2 hours)**	
	Food and Nutrition (NFS 167)	1
	Physical Fitness (HPR 105)	1
		TOTAL: 55

*Must include at least one course in Calculus among the 9 hours of Mathematics taken.

In addition to the degree programs offered by the College of Science and Technology, minors are available in the areas noted previously under "Academic Offerings." Two of these minors are interdisciplinary, one in Environmental Science and one in General Science.

Requirements for a minor in Environmental Science

Students pursuing the undergraduate minor in Environmental Science must complete a minimum of eighteen (18) hours of course work. Courses used to meet minimum requirements in the core, major, or another minor may not be duplicated for the Environmental Science Minor. The following course is required: ESC 301 (Living in the Environment). The remaining fifteen (15) hours must be selected from among the following courses: BSC 435/L, 440/L, 441/L, 443/L, 444/L, 489/L; CHE 311/L, 411/L, 470; CHS 321, 421, 440; CJ 480, CSS 418, 435; ENT 430/L; ESC 205, 302, 330, 401/L, 402/L, 431/L, 492; GHY 311/L, 323, 325/L, 370, 412/L, 417/L, 418/L, 425, 427, 474; GLY 306, 411, 465, 476; MAR 401/L, 405/L, 406/L, 422/L, 441/L, 461/L, 481/L; PLG 462, 465; SOC 461; TOX 470. From time to time, additional courses will be approved for inclusion among the fifteen hours of electives. Students should inquire about the most current listing from either: Assistant to the Dean, College of Science and Technology or Director, School of Engineering Technology.

Requirements for a minor in General Science

The multidisciplinary General Science minor requires twenty-seven (27) hours from three or more appropriate fields (astronomy, biological sciences, chemistry, computer science, geology, marine science, mathematics, physics, and polymer science) with at least eight (8) hours from each field included; courses in the major are excluded.

Center for Science and Mathematics Education

Susan C. Ross, Interim Director
(601) 266-4739

Ali, A. Bedenbaugh, J. Bedenbaugh, Bellipanni, R.A. Cade, Cameron, Cleek, Contreras, Cotten, Curry, Elakovich, Feldman, Garraway, Gregg, Hairston, Heinhorst, Herron, E. Howell, J. Hudson, Hughes, Johnson, Lochhead, Mattson, McDowell, McKee, Pandey, Peggion, Pope, S. Ross, G. Russell, Sager, Scheetz, Scott, Simmons, Sirochman, J. Thrash, K. Thrash, Tubbs, Walls, Walker, Weisenburg, Whitehead, Willems

The Center for Science and Mathematics Education coordinates all programs in teacher education offered by the College of Science and Technology. Teacher education programs are offered through the Departments of Biological Sciences, Chemistry and Biochemistry, Computer Science and Statistics, Geology, Mathematics, and Physics and Astronomy. Programs in secondary teacher education require the equivalent of a major in an academic discipline and a minor in secondary education. Students interested in science teaching licensure at the secondary level are referred to the department offering the academic discipline of their choice. Students transferring from the community and junior colleges are advised to follow the core requirements outlined for the College of Science and Technology.

Objectives

The objectives of the Center for Science and Mathematics Education are: (1) to coordinate all programs in teacher education offered by the College of Science and Technology; (2) to provide, in cooperation with the Department of Curriculum and Instruction, a curriculum in the sciences and science methods for prospective elementary school teachers; (3) to provide the science teaching methods course and student teaching supervision for prospective secondary teachers; (4) to provide programs leading to advanced degrees in science education; (5) to work with public schools in the development of curricula, workshops, science fairs, and other activities designed to improve science instruction at all public school levels; and (6) to utilize educational technology as an effective delivery tool for professional development.

Curriculum and Programs

The Center for Science and Mathematics Education offers a three course sequence: FS 131, General Physical Science; FS 133, General Biological Science; and FS 135, Earth and Environmental Science. The courses in the Fundamentals of Science (FS) sequence are laboratory courses designed to meet core requirements for elementary education and special education majors. In addition, the Center offers elementary and secondary science teaching methods courses designated in the catalog as Science Education (SCE).

Graduate programs offered by the Center for Science and Mathematics Education are described in the Graduate Bulletin.

Institute of Environmental Science

Desmond Fletcher, Director
Hattiesburg, MS 39406-5137
(601) 266-4896

The Institute of Environmental Science assembles teams of researchers from all disciplines as needed to undertake applied research in the areas of environmental studies and renewable energy resources. Providing environmental expertise to the community is another major function of the Institute.

Center for Molecular and Cellular Biosciences

Glen Shearer, Coordinator
Hattiesburg, MS 39406-5018
(601) 266-4722

The Center is composed of scientists with expertise in the disciplines of biochemistry, microbiology, molecular biology and molecular genetics. The Center facilitates research in these areas by means of a weekly Journal Club, which reviews the current literature, and the Distinguished Scientists Seminar Series, which brings world-renowned researchers to the Hattiesburg campus. In addition, the Center provides a forum for interaction among graduate and undergraduate students working in the laboratories of the participating faculty. Faculty currently associated with the Center are members of the Department of Biological Sciences or the Department of Chemistry and Biochemistry.

Mississippi Polymer Institute

Troy Cain, Operations Manager
Hattiesburg, MS 39406-0003
(601) 266-4607

The Mississippi Polymer Institute was authorized by the Mississippi Legislature in 1983. The purpose of the Institute is to conduct research designed to increase the utilization of Mississippi raw materials in polymers and to support the rapidly growing polymer industry in Mississippi. The Institute is an integral part of the College of Science and Technology and functions in concert with the Department of Polymer Science.

Institute for Formulation Science

Robert Y. Lochhead, Director
Hattiesburg, MS 39406-0076
(601) 266-4080

The Institute for Formulation Science supports and coordinates research in formulation science. The Institute is an integral part of the College of Science and Technology and functions in concert with the Department of Polymer Science.

Premedical and Health Professions Office

Robin Barnett, Director
Hattiesburg, MS 39406-0006
(601) 266-4724

The Premedical and Health Professions Office administers ten undergraduate programs that lead to professional study in the following fields: medicine, dentistry, optometry, veterinary medicine, pharmacy, dental hygiene, physical therapy, occupational therapy, cytotechnology, and health information management. These preprofessional programs vary greatly in content and duration; all are designed to prepare students for admission to the appropriate professional school. Students interested in any of these fields are urged to contact the Premedical and Health Professions Office to ensure that the proper courses are taken and the necessary procedures are followed. For details regarding the individual programs, consult the descriptions below.

Pre-Cytotechnology Program

The University of Southern Mississippi offers a two-year program that prepares students for the two-year professional program within the Department of Cytotechnology, School of Health-Related Professions, University of Mississippi Medical Center. Students completing this program receive the B.S. degree from the University of Mississippi.

PACE Program Plan

Page
Pre-Cytotechnology 292

Pre-Dental Program

Minimal requirements for admission to most schools of dentistry are similar and normally include completion of specified courses in English, biology, chemistry, physics, and mathematics; completion of a baccalaureate degree; and scores from the nationally-administered Dental Admission Test (DAT). The PACE Program Plan for Pre-Dental outlined later in this catalog lists minimal requirements for admission to the School of Dentistry of the University of Mississippi and most other dental schools. Pre-dental students do not receive a degree in "pre-dent." Rather, as they follow a pre-dental curriculum, they work toward completing a baccalaureate degree in the field of their choice. Students usually take the DAT the spring of the junior year and make application to dental school the fall of the senior year.

Exceptional students with as few as 90 semester hours credit, who otherwise meet admissions criteria, may be admitted to dental school; under certain conditions, those individuals may transfer credits from their first year at dental school and receive the bachelor's degree from The University of Southern Mississippi.

PACE Program Plan

Page
Pre-Dental 292

Pre-Dental Hygiene Program

The University of Southern Mississippi offers a two-year curriculum that prepares students for the two-year professional program in dental hygiene at the University of Mississippi Medical Center. Students completing the entire program receive the B.S. degree from the University of Mississippi.

PACE Program Plan

Page
Pre-Dental Hygiene 292

Pre-Health Information Management Program

This curriculum prepares students for the two-year professional program within the Department of Health Information Management, School of Health Related Professions, University of Mississippi Medical Center. Acceptance into this program is dependent upon the degree of preparation and level of academic achievement of candidates and is determined solely by the professional school. Students completing the professional program receive the B.S. degree in Health Information Management from the University of Mississippi.

PACE Program Plan

Page
Pre-Health Information Management 292

Pre-Medical Program

Schools of medicine have fundamentally similar minimal requirements for admission. Generally, these requirements include completion of specified courses in English, biology, chemistry, physics, and mathematics; completion of a baccalaureate degree; and scores from the nationally-administered Medical College Admission Test (MCAT).

The curriculum outlined meets only minimal requirements for admission to the School of Medicine of the University of Mississippi and to other medical schools. Premedical students do not receive a degree in "pre-med." Rather, as they follow a pre-medical curriculum, they work toward completing a baccalaureate degree in the field of their choice. Students usually take the MCAT the spring of the junior year and apply to medical school the following summer.

Exceptional students with as few as 90 semester hours credit, who otherwise meet admissions criteria, may be admitted to medical school; under certain conditions, these individuals may transfer credits from their first year at medical school and receive the bachelor's degree from The University of Southern Mississippi.

PACE Program Plan

Page
Pre-Medical Program 292

Pre-Occupational Therapy Program

The curriculum in pre-occupational therapy prepares students for the two-year professional program at the University of Mississippi Medical Center. Students completing the entire program receive the B.S. degree from the University of Mississippi. Admission to professional programs of occupational therapy is extremely competitive, being dependent upon a strong record of academic preparation and achievement; it is determined solely by the professional school.

PACE Program Plan

Page
Pre-Occupational Therapy 293

Pre-Optometry Program

Students wishing to study optometry must complete three or more years in a preprofessional program. Currently, programs at the University of Alabama at Birmingham, the Southern College of Optometry in Memphis, Tenn., and the University of Houston in Houston, Tex., admit residents of Mississippi to professional study. The prerequisites for admission to these programs are somewhat different, and the student and pre-optometry adviser will need to determine the appropriate preprofessional curriculum to be followed. The curriculum outlined in the PACE Program Plan for Pre-Optometry is only illustrative and does not reflect the specific entrance requirements of a particular school of optometry. The Optometry Admission Test (OAT) is a requirement for admission to all colleges of optometry and should be taken in the fall of the third year of pre-professional study.

PACE Program Plan

Page
Pre-Optometry 293

Pre-Pharmacy Program

Colleges of pharmacy normally require four years of preprofessional training, but minimal requirements for admission vary. The student and the pre-pharmacy adviser will design the academic program to meet the specific admission criteria for the college of pharmacy which the student wishes to attend. The PACE Program Plan outlined in this catalog meets admission requirements of the School of Pharmacy of the University of Mississippi as well as many other pharmacy schools. The Pharmacy College Admission Test (PCAT) is required by the University of Mississippi; it may also be required by other schools. It is given in February, April, and November of each year; applications are available in the Premedical and Health Professions Office.

PACE Program Plan

Page
Pre-Pharmacy 293

Pre-Physical Therapy Program

The curriculum in pre-physical therapy fulfills course requirements for admission to the two-year master's-level program within the Department of Physical Therapy, School of Health Related Professions, University of Mississippi Medical Center. A baccalaureate degree is required, and students must have observed the work of two clinical departments of physical therapy for at least forty (40) hours prior to application. Admission to professional programs of physical therapy is extremely competitive, dependent upon a strong record of academic preparation and achievement; it is determined solely by the professional school.

PACE Program Plan

Page
Pre-Physical Therapy 293

Pre-Veterinary Program

Residents of Mississippi wishing to study veterinary medicine ordinarily apply to the College of Veterinary Medicine, Mississippi State University. Current criteria for admission to that college are given in the MSU publication "Requirements for Application to the College of Veterinary Medicine," which is available from the pre-veterinary adviser. Candidates are evaluated on the basis of pre-veterinary academic preparation, as well as expertise in management of domestic animals and experience within the food-animal industry.

The pre-vet curriculum satisfies minimal course requirements for admission to MSU's College of Veterinary Medicine; applicants to other schools should consult the appropriate admissions offices. Although only sixty-five (65) semester hours of undergraduate coursework are required, students are strongly advised to work towards completing the baccalaureate degree in a science field. The Veterinary College Admission Test (VCAT) is also required. It is recommended that students acquire experience working in a veterinary clinic before applying to a vet school.

PACE Program Plan

Page
Pre-Veterinary 293

School of Engineering Technology

R.A. Cade, Director
Hattiesburg, MS 39406-5137
(601) 266-4896

Adams, Ali, Anderson, Applin, Blesse, Coates, Endt, Fournier, Fletcher, Gaudet, Harrison, Heiden, Herrod, Houston, Hudson, Huffman, Johnsey, Juneau, Kemp, Leybourne, Lindsey, Lipscomb, Marchman, Mathis, Neal, Newsom, Sower, Vajpayee, Wilder

The School of Engineering Technology offers eight undergraduate programs with direct application to industry. The six Engineering Technology programs listed below are accredited by the Technology Accreditational Commission of the Accreditation Board for Engineering and Technology (TAC of ABET), 111 Market Place, Suite 1050, Baltimore, Maryland 21202, telephone (410) 347-7700. The following programs require a minimum of a "C" in MAT 101 (College Algebra) and MAT 103 (Trigonometry):

Architectural Engineering Technology
Computer Engineering Technology
Construction Engineering Technology
Electronics Engineering Technology
Industrial Engineering Technology
Mechanical Engineering Technology

The School also offers a Bachelor of Science degree in:

Workforce Training and Development
Software Engineering Technology

The School offers a two-year pre-engineering program, a two-year pre-architecture program, and programs leading to the Master of Science in Engineering Technology, and Workforce Training and Development degrees.

The baccalaureate programs provide career-oriented technical education that enables graduates to enter positions with skills that are in high demand in modern industry. All programs are designed to accept transfer students from accredited community/junior colleges and technical institutes. Some guidance for transfer students is provided with the individual program information in this section; however, students planning to transfer to the School of Engineering Technology are urged to contact the appropriate Program Coordinator for details.

Minor programs in Engineering Technology are outlined following the corresponding major programs. Minor requirements may not be satisfied by transfer of courses from other institutions which are not accredited by TAC of ABET.

Architectural Engineering Technology

(Accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology)

George Mathis, Coordinator
Hattiesburg, MS 39406-5137
(601) 266-4896 or 266-4894

The Architectural Engineering Technology program educates future Architectural Engineering Technologists in the process of producing design projects from schematics through construction. The program is designed to prepare its graduates for employment in architecturally-related firms, including architects' offices, design-build firms, engineering firms, governmental agencies, real estate

development firms, planning offices, and architectural materials suppliers and manufacturers. Major courses of study include architectural design, architectural history, architectural working drawings, building materials, computer-aided design and drafting, electrical systems, estimating, mechanical systems, office practices, specifications, structural design, and surveying. Students desiring to transfer to a school of architecture should consult with their adviser early in their course of studies.

PACE Degree Plan

Page
Architectural Engineering Technology 294
Pre-Architecture 307

Requirements for a Minor in Architectural Engineering Technology

The requirements for a minor in Architectural Engineering Technology are ACT 132/L, ACT 204, ACT 322, and nine (9) hours of Architectural Engineering Technology electives (recommended courses are ACT 315, ACT 316, and ACT 325).

Computer Engineering Technology

(Accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology)

Gary Johnsey, Coordinator
Hattiesburg, MS 39406-5137
(601) 266-4896 or 266-4118

The major in Computer Engineering Technology offers the student a variety of topics concerning the uses of computers and digital electronics in our technical society. The plan of study leading to the baccalaureate degree provides the student with practical applications of computer technology in combination with the theoretical background necessary for a well rounded education. Extensive laboratory experience aids the student in the design, analysis, and application of digital electronics to the problems encountered in modern technology. Graduates of this program are expected to be knowledgeable in digital electronics, computer hardware and software, and applications involving the computer as a problem-solving tool.

PACE Degree Plans

Page
Computer Engineering Technology 295

Requirements for a Minor in Computer Engineering Technology

Students minoring in Computer Engineering Technology must complete twenty-one (21) hours as follows: MAT 137 or 168 and eighteen (18) hours of Computer Engineering Technology electives.

Construction Engineering Technology

(Accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology.)

David Marchman, Coordinator
Hattiesburg, MS 39406-5137
(601) 266-4896 or 266-5402

The Construction Engineering Technology program emphasizes the technology, engineering , and construction business requirements that have been historically needed by the construction industry. Construction is one of the largest and most diversified industries in the world, accounting for approximately 12 percent of the country's gross national product. The key professional in this vast industry is the constructor. Various job titles for the constructor are: estimator, scheduler, superintendent, project manager, project engineer, controls manager, materials manager, or owner. These skilled professionals are indispensable in meeting the global needs for new residential, commercial, industrial, manufacturing, civil, and environmental projects.

While requiring basic business courses, the interdisciplinary Construction Engineering Technology program offers students specialized course work in surveying, building systems, construction practices/procedures, cost estimating, scheduling, construction contracts, and structural design. Graduates are employed in both office and field positions. Employers include contractors, subcontractors, suppliers, consultants, and government agencies.

The Civil Option to the Construction Engineering Technology program emphasizes the civil/highway segment of the construction industry. Graduates of this program receive specialized instruction in route surveying, land surveying, construction equipment, and highway estimating.

PACE Degree Plan

Page
Construction Engineering Technology 296
Construction Engineering Technology (Civil) 297

Requirements for a Minor in Construction Engineering Technology

The requirements for a minor in Construction Engineering Technology are BCT 205, BCT 235/L, BCT 336/L, plus nine (9) hours of Construction Engineering Technology electives (recommended courses are BCT 307, 337/L, 374, 408/L, 409/L, 444, 445/L, 446, 454/L, 455/L, 458/L, 476, 477, 478/L, 480, and 486/L).

Electronics Engineering Technology

(Accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology)

William A. Sower, Coordinator
Hattiesburg, MS 39406-5137
(601) 266-4896

Paul J. Wilder, Coordinator (USM Gulf Coast)
Gautier, MS 39553
(228) 867-2600

The major in Electronics Engineering Technology covers a variety of topics in modern electronics, including electronic devices, digital systems and microprocessors, instrumentation, control systems, power systems, robotics, and communications. Graduates have extensive knowledge of electronics and are qualified to fill supervisory positions in the electronics industry.

Electronics Engineering Technology majors must satisfy the general core requirements of the University and the College of Science and Technology. Corresponding lecture and laboratory courses must be taken simultaneously. To graduate, a grade of "C" or better must be achieved in all 300 or above courses counted toward the Electronics Engineering Technology major.

PACE Degree Plan

Page
Electronics Engineering Technology 298

Requirements for a Minor in Electronics Engineering Technology

Students minoring in Electronics Engineering Technology must complete eighteen (18) hours as follows: EET 110/110L, EET 111/111L; and ten (10 hours of Electronics Engineering Technology electives. Recommended courses are EET 210/210L, EET 311/311L.

Industrial Engineering Technology

(Accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology)

Eyler Coates, Coordinator
Hattiesburg, MS 39406-5137
(601) 266-4896 or 266-6421

The major in Industrial Engineering Technology is designed to prepare students to meet the growing demands of industry for employees with expertise in manufacturing processes, statistical quality control, production management, automation, and computer-aided manufacturing. In addition to the traditional program emphasizing productivity improvement, a special emphasis area in manufacturing is offered. Both programs provide the graduate with a strong background in the technical sciences and applied mathematics, and prepares him or her for a wide spectrum of jobs in the manufacturing, service, and government sectors.

PACE Degree Plans

Page
Industrial Engineering Technology 299
Industrial Engineering Technology (Manufacturing Emphasis) 300

Requirements for a Minor in Industrial Engineering Technology

The requirements for a minor in Industrial Engineering Technology are IET 405, 409, 410 (required) and nine (9) hours of Industrial Engineering Technology electives.

Workforce Training and Development

Cyndi Gaudet, Coordinator
Hattiesburg, Mississippi 39406-5137
(601) 266-4896 or 266-6181

The Workforce Training and Development curriculum is designed to produce graduates who meet industry's requirements for skilled technical workers with expertise to develop and conduct on-site personnel training or retraining programs. The degree requires the completion of both a technical concentration and the training and development course work. The training and development course work is designed to address key competencies for training professionals identified by the American Society for Training and Development and the U.S. Department of Labor. Students must select one of the following four technical competency concentrations offered by the School of Engineering Technology: (1) Industrial/Manufacturing, (2) Computer Technology, (3) Construction Technology, or (4) Environmental Science.

PACE Degree Plans

Page
Workforce Training and Development (Computer Technology) 301
Workforce Training and Development (Construction) 302
Workforce Training and Development (Environmental Science) 303
Workforce Training and Development (Industrial/Manufacturing) 304

Mechanical Engineering Technology

(Accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology)

Jack Lipscomb, Coordinator
Hattiesburg, MS 39406-5137
(601) 266-4896 or 266-4902

The Mechanical Engineering Technology major emphasizes practical application of engineering principles to the design, operation, and testing of mechanical equipment and systems. Fields of study include robotics, solar energy, strength of materials, machine design, computer programming and applications, digital instrumentation, fluids, hydraulics, air conditioning design, manufacturing materials and processes, and personnel supervision. Students also develop competence in physics and applied mathematics. Graduates are able to solve problems involving the choice of materials, mechanical design, and selection of manufacturing process. Because of the large demand for technically educated men and women, Mechanical Engineering Technology graduates can expect to develop a rewarding, successful career in many employment settings such as industry, government, consulting, or service.

PACE Degree Plan

Page
Mechanical Engineering Technology 305

Requirements for a Minor in Mechanical Engineering Technology

Students minoring in Mechanical Engineering Technology must complete ENT 110, ENT 260, MET 323 and an additional fifteen (15) hours of Mechanical Engineering Technology electives (ENT 330 and MET 420 are strongly recommended).

Pre-Engineering Curriculum

Cecil A. Harrison, Adviser
Hattiesburg, MS 39406-5137
(601) 266-4896 or 266-5628

Pre-engineering provides the academic background required for transfer into an engineering school at the junior (third-year) level. The Pre-Engineering Coordinator designs each student's program to

ensure that all course work can be transferred to the engineering program designated by the student. The engineering fields for which a USM student can prepare include, but are not limited to:

Aerospace Engineering	Geological Engineering
Biomedical Engineering	Industrial Engineering
Chemical Engineering	Mechanical Engineering
Civil Engineering	Nuclear Engineering
Electrical Engineering	Petroleum Engineering

PACE Program Plan

Page
Pre-Engineering....308

Software Engineering Technology

Shelton Houston, Coordinator
Hattiesburg, MS 39406-5137
(601) 266-4896

The Software Engineering Technology major is designed to prepare its graduates for business and industrial careers requiring the development, management, and operation of computer systems in networked environments. All courses emphasize compliance with international standards and implementation of industry standards and good-practices. While graduates possess the communication and programming skills in languages commonly used in business and industrial settings, each student is required to pursue an emphasis that stresses the application of associated software packages. These include Data Base Management, Local Area Networking, Wide Area Networking, Telecommunications, and Design Computing.

The broad-based curriculum provided in both hardware and software prepares graduates from the Software Engineering Technology program to find employment in positions generally classified as system administrators, system analysts, computer programmers, data processors, and graphics designers.

PACE Program Plan

Page
Software Engineering Technology....306

Department of Biological Sciences

Frank Moore, Chair
Hattiesburg, MS 39406-5018
(601) 266-4748

Aarons, D. Anderson, G. Anderson, Beckett, Bellipanni, Biesiot, Brouwer[1], Cibula[3], Curry, Cotten, Deminoff, Ellender, Hairston, Hawkins[1], Heard[1], Herron, Howell, Larsen, Lotz[1], Luo, Marykwas, Matlack, Middlebrooks, Miller[4], Montcreiff[1], Norris, Overstreet[1], Passmore, Patterson, Payne[4], Pennington[2], Peterson[1], Pessoney, Poss[1], Ross, Rosso, Santangelo, Scheetz, Shearer, Simons[5], Solangi[2], Tornow, Walls, Wang, J. Williams

([1]Institute of Marine Sciences, Gulf Coast Research Laboratory; [2]Marine Life; [3]Stennis Space Center; [4]U.S. Army Engineers Waterways Experiment Station; [5]U.S. National Park Service.)

The Department of Biological Sciences offers a choice of curricula leading to either the Bachelor of Science degree in Biological Sciences or the Bachelor of Science degree in Marine Biology. Course work taken within the Department of Biological Sciences can be applied to only one (1) major or emphasis The B.S. in Biological Sciences curriculum includes the emphasis areas of Environmental Biology, Microbiology, and Molecular Biology for students seeking preparation for careers in these specific fields of the biological sciences, as well as a general Biological Sciences curriculum for students seeking broader preparation. The latter curriculum, when combined with the required education courses and other specified electives, is also well suited for student seeking licensure as secondary school teachers of biological sciences. Students selecting the Microbiology or Molecular Biology emphases will complete the requirements for a minor in Chemistry. Students selecting the Environmental Biology or general Biological Sciences emphases or the B.S. in Marine Biology are not required to complete a minor, although completion of four additional hours in Chemistry

beyond those required for these programs will satisfy the requirements for a minor in Chemistry. The teacher licensure program in Biological Sciences includes a major in biological sciences and a minor in secondary education. It is an NCATE approved teacher education program. Detailed Pace Degree Plans for the various Biological Sciences emphasis areas and degrees are provided later in this Bulletin (see below for pages for specific emphasis areas). Information concerning the Master of Science and the Doctor of Philosophy degrees appears in the Graduate Bulletin. A student's choice of degree program and of curriculum should be determined in consultation with an adviser.

PACE Degree Plans

Page
Biological Sciences
Biological Sciences Emphasis 309
Biological Sciences Emphasis (Licensure) 310
Environmental Biology Emphasis 311
Microbiology Emphasis 313
Molecular Biology Emphasis 314
Marine Biology 312

Requirements for a Minor in Biological Sciences

Students minoring in Biological Sciences must complete eighteen (18) hours in biological sciences including at least seven (7) hours numbered 300 or above taken at The University of Southern Mississippi.

Gulf Coast Research Laboratory

The Department of Biological Sciences is allied with the Gulf Coast Research Laboratory in Ocean Springs. Faculty at both institutions actively participate in teaching and research activities at the Gulf Coast Research Laboratory. Summer coursework at Ocean Springs is strongly recommended for both undergraduate and graduate students and is required for student earning a B.S. in Marine Biology.

Department of Chemistry and Biochemistry

Stella Elakovich, Chair
Hattiesburg, MS 39406-5043
(601) 266-4701

Bateman, A. Bedenbaugh, J. Bedenbaugh, Butko, Cannon, Creed, Crum, Elakovich, Evans, Fawcett, Griffin, Heinhorst, Huang, Howell, Hoyle, Khanna, Lytle, McCain, McCormick, McMurtrey, Minn, Pojman, Wertz, Whitehead

Chemistry majors work toward the Bachelor of Science degree. There are four emphasis areas that lead to this degree. These are the American Chemical Society (ACS) Certified Emphasis, the American Chemical Society (ACS) Certified Emphasis in Biochemistry, the Biochemistry Emphasis, and the Chemistry Emphasis. All four emphases prepare students for careers in private industry or government and for admission to graduate programs in the chemical sciences, medicine, dentistry, and other science related, professional programs. For information about advanced degrees in chemistry at USM, please see the Graduate Bulletin. Licensure to teach secondary school chemistry may be obtained through the Chemistry Emphasis. Special characteristics of each emphasis area are noted below.

Chemistry majors must satisfy the general core requirements of the University and the College of Science and Technology. The semester hour requirement depends on the emphasis area studied. A minor is not required. Corresponding lecture and laboratory courses must be taken simultaneously. For a chemistry major to enroll in any chemistry course, he or she must have a grade of C or better in all prerequisite science and math courses. A chemistry major is allowed a total of three repeats in 100, 200, and 300 level prerequisite science and math courses to achieve the required grade of C or better; any course may be repeated only once. To graduate, a grade of C or better must be achieved in all courses counted toward the chemistry major.

ACS Certified Emphasis in Chemistry

Students completing this emphasis are certified by the Committee on Professional Training of the American Chemical Society. They take a minimum of forty-nine (49) semester hours of chemistry course work. The mathematics and science courses must be taken with the pre- and/or co-requisites listed in this Bulletin. Key features of the curriculum are a requirement for physics with calculus

(PHY 201/201L, 202/202L), mathematics through differential equations (MAT 385), and several senior level chemistry courses (CHE 411/411L, 431/431L, and 494 or 496) with physical chemistry as a pre-requisite. Students contemplating using this emphasis as preparation for admission to a professional school should consult with a pre-professional advisor about taking additional life sciences courses.

ACS Certified Emphasis in Biochemistry

This newest of the department's emphasis area is a hybrid of the ACS certified Chemistry emphasis with the biochemistry emphasis. Incorporating a rigorous grounding in mathematics and chemistry with several courses in the life sciences, this emphasis area is an excellent preparation for graduate school in a biochemistry-related field. Students interested in scientific careers in biochemistry research are, therefore, encouraged to consider the ACS certified biochemistry emphasis area.

Biochemistry Emphasis

This emphasis requires a minimum of forty-three (43) semester hours of chemistry, including ten (10) hours of senior level biochemistry (CHE 421/421L, 422/422L), and twenty-four (24) hours of biological sciences. It provides an excellent preparation for medical or dental school because of its extensive life sciences content. Students contemplating using this emphasis as preparation for careers as chemists in industry or government or entry to graduate school in biochemistry or chemistry are strongly encouraged to take a full year of physical chemistry (CHE 461/461L and 462/462L).

Chemistry Emphasis

The advantage of this emphasis is its flexibility. The twenty-eight (28) hours of electives allow the student to take a minor or even a double major in many other academic areas. This emphasis requires a minimum of forty-two (42) semester hours of chemistry. It requires ten (10) semester hours of calculus but it does not require completion of physics with calculus (PHY 201/201L, 202/202L), although this is strongly encouraged. Students contemplating using this emphasis as preparation for admission to a professional school should consult with a pre-professional advisor about taking additional life sciences courses.

Secondary School Teaching Licensure

An option with the Chemistry Emphasis allows the student to obtain Mississippi Department of Education secondary teaching licensure in chemistry, physical science, and general science. The program requires a minimum of thirty-six (36) hours of chemistry course work. Course work in Biological Sciences (BSC), Geology (GLY), and Physics (PHY) is also required, as are Science Education courses SCE 460 (Methods in Teaching Science) and 489/490 (Student Teaching). See PACE Degree Plan for details. Students pursuing a degree in Chemistry with licensure must earn a grade of C or higher in all Chemistry courses and in all required professional education courses.

In addition, required teacher education courses include the following fifteen (15) hours: PSY 374, REF 400, REF 469, SPE 400, CIS 313. Students must consult an adviser in the department of Chemistry and Biochemistry and the current Bulletin for prerequisites and proper sequencing of courses.

Students who complete this program are eligible for a license through an NCATE-approved program.

PACE Degree Plans

Page
ACS-Certified Biochemistry Emphasis 317
ACS-Certified Chemistry Emphasis 315
Biochemistry Emphasis 316
Chemistry Emphasis 318
Chemistry Emphasis (Licensure) 319

Requirements for a Minor in Chemistry

A minor in chemistry requires 21 hours of chemistry, with a grade of C or higher in each course. CHE 100, CHE 104, CHE 104L, CHE 251, CHE 251L, CHE 409, and CHE 410 will not count towards the 21 hours required for the minor.

Department of Computer Science and Statistics

Frank K. Nagurney, Chair
Hattiesburg, MS 39406-5106
(601) 266-4949

A. Ali, D. Ali, Bisland, Burge, Burgess, Carter, Cleek, Cobb, Etheredge, Garraway, Gregg, Huch, Miller, Paprzycki, Perkins, Rimes, Rodgers, Seyfarth, Simmons, VerBerkmoes

The Department of Computer Science and Statistics offers a flexible degree plan accredited by the Computing Sciences Accreditation Board. This program, offered under the CSC designation, allows students to select concentrations in specific areas such as Software Engineering, Database, Statistics, or Operations Research. Graduates of this program are prepared to begin professional careers in computer science or to pursue graduate studies. Students seeking a second degree in this program must satisfy all accreditation requirements. Under the CSS designation, the department offers a degree plan in computer science with an emphasis in statistics and many courses which are primarily service courses to the University community. The department also offers a teacher licensure degree program. In addition, a student who is licensed to teach in any secondary teaching area can earn "additional" licensure in computer education by completing the following courses: CSS 400, CSC 101/L, CSC 102/L, CSC 305, CSC 307, TOE 465, and one of CSC 203, CSC 305, CSC 317, and CSC 405. For all programs, a grade of C or higher must be earned in required CSS and CSC courses. In addition students pursuing a degree in computer science with licensure must earn a grade of C or higher in all required professional education courses. For information concerning the Master of Science degree in Computer Science, the Master of Science in Computer Science with an Emphasis in Computational Science, and the Doctor of Philosophy degree in Scientific Computing, please consult the Graduate Bulletin.

PACE Degree Plans

Page
Computer Science Emphasis 320
Computer Science Emphasis (Licensure) 321
Statistics Emphasis 322

Requirements for a Minor in Computer Science

The requirements for a minor in computer science include CSC 101, CSC 102, CSC 307, and 9 hours from among the following set of courses: CSC 101L, 102L, 203, 203L, 204, 204L, 300, 305, 306, 306L, 307, 309, 317, 320, 408, 410, 410L, 411, 412, 413, 414, 414L, 415, 421, 422, 424, 425, 426, 435, 485, 486, CSS 240, 342, 343, 360, 405, 415, 416, 417, 418, 442.

Requirements for a Minor in Statistics

The requirements for a minor in statistics include CSS 211, CSS 212 and 12 hours from among the following set of courses: CSC 320, 422, 425, 435, CSS 240, 330, 340, 350, 415, 416, 417, 418, and IET 302. A maximum of 6 hours is accepted from the courses in the following list: CSS 240, 330, 340, 350.

Department of Geology

Gail Russell, Chair
Hattiesburg, MS 39406-5044
(601) 266-4526

Cameron, Dunn, Meylan, Orsi[1], Patrick, Pope, Skilling, Smith[2], Stringer [3]

([1]Planning Systems Incorporated, [2]U.S. Army Engineer Waterways Experiment Station, [3]Northeast Louisiana University.)

Geology is the science of the earth. It deals with processes within the earth and at the earth's surface which control landscape features, produce essential natural resources, and often result in geologic hazards. It is a science which seeks to understand the history of the earth through geologic time and to predict the results of human interaction with the natural environment. It is an interdisciplinary science and requires a foundation in mathematics, physics, chemistry, and biology.

The Department of Geology offers the Bachelor of Science degree. Graduates are prepared for careers in environmental geology and water resources, exploration and development of petroleum and other natural resources, marine geology, space geology, and many other areas. A program is offered which prepares students for secondary science teacher licensure. The M.S. in Geology at The University of Southern Mississippi and graduate programs at other universities provide advanced training in all of these areas and also prepare students for careers in research and teaching. The Bachelor of Science degree in Geology provides a strong foundation for students planning on graduate or professional school in areas such as marine science, environmental science, remote sensing, space science, and environmental law.

Additional Requirements for a Degree in Geology: The degree in Geology (excluding the teacher licensure program) has two requirements that should be noted. (1) A six semester hour course in field geology is required. Students can take this course from another university with approval of the department chair. The student is responsible for all fees, including out-of-state tuition if applicable. (2) Students must take the exam required to qualify as a Registered Professional Geologist in the State of Mississippi. This exam will normally be taken the same semester that GLY 380 (Field Methods) is taken near the end of the degree program. The student is responsible for the exam fee.

High School Preparation: High school students interested in careers in geology or related areas are encouraged to complete credits in biology, chemistry, physics, mathematics through second year algebra, solid geometry, and trigonometry.

Transfer Preparation: Students transferring into the Department of Geology from community colleges, other universities, or other programs should note the prerequisites for upper-level geology courses. Completion of GLY 101 and GLY 101L and at least one course in chemistry no later than the summer preceding the junior year is recommended.

Preparation for Secondary Education Licensure (General Science and Physical Science): The Department of Geology offers a Bachelor of Science degree program which leads to licensure in General Science and in Physical Science. The student must apply for admission to the Teacher Education Program through the Dean's Office, College of Education and Psychology. For admission, a student must have a 2.65 grade point average on a restricted 44 hour general core and meet one of the following requirements: (1) an ACT composite score of 21 with no score below 18 upon entrance to college, or (2) acceptable PRAXIS scores. Students must achieve a grade of C or better in every course required for the major (including required supporting sciences and mathematics) and in professional education courses. More details are provided in the College of Education and Psychology section of this **Bulletin**.

PACE Degree Plan

Page
Geology 323
Geology (General Science Licensure) 324

Requirements for a Minor in Geology

Students seeking a Geology minor must complete eighteen (18) hours as follows: GLY 101, 101L, 103, 103L and ten (10) additional hours of geology courses.

Department of Mathematics

Wallace Pye, Chair
Hattiesburg, MS 39406-5045
(601) 266-4289

Bell, Betounes, Bishop, Caveny, Contreras, Davis, Ding, Doblin, Fay, Hornor, Kolibal, McDowell, Peters, Piazza, Putthoff, Redfern, Rhea, Ross, Stuart, Thrash, Walls, Xie

The Department of Mathematics offers a flexible curriculum for the baccalaureate degree, so that individual students may tailor their university mathematics programs to fit specific educational and career objectives. The Bachelor of Science degree in mathematics provides a sound foundation for a broad latitude of careers in education, industry, business and government. Most of today's challenging careers call for continuing education beyond the bachelor's degree, and an undergraduate major in mathematics provides a versatile avenue for preparing for advanced studies in a number of fields, including mathematics, computer science, statistics, management science, actuarial science, mathematics education and engineering.

certifying agency are not required to take the junior level MTC courses, as long as their transcripts document equivalent courses taken as part of the community college program and a grade of "C" or above was obtained in each MLT course.

Master of Science Degree

For information on the Master of Science degree, please consult the Graduate Bulletin.

PACE Degree Plan

Page
Medical Technology 327

Department of Physics and Astronomy

Joe B. Whitehead, Jr., Chair
Hattiesburg, MS 39406-5046
(601) 266-4934

Folse, Hughes, Lee, Mead, Messer, Pandey, Rayborn, Sirochman

Mission Statement:

- To transmit, create and apply the knowledge and methods of physics through the avenues of teaching, research and service.
- To provide a quality Bachelor of Science in physics: to provide students with an understanding of the fundamentals of physics and foster in them a broad and intellectual viewpoint. Graduates of our program will be prepared for technical positions in industry, positions in government laboratories, and positions as high school physics teachers, as well as to pursue graduate study.
- To provide a quality Master of Science program in physics; to perform research in fundamental science by designing research problems, conducting research projects, and disseminating research findings.
- To provide leadership within the state of Mississippi in physics research through the participation of the faculty in pioneering pure and applied research, and the dissemination of the resulting new knowledge and methods.
- To serve the university and community by providing an understanding of scientific and technological issues facing society.

The Department of Physics and Astronomy offers programs of study leading to the Bachelor of Science degree in Physics and the Master of Science degree in Physics, which may include an emphasis in Computation or Polymer Physics. The Department also participates in the Scientific Computing doctoral program as a member of the School of Mathematical Sciences. Information relating to the Master's and Doctor of Philosophy degrees may be found in the Graduate Bulletin.

A bachelor of Science degree in Physics is excellent preparation for any career that requires analytical and/or quantitative work. The physics programs at USM are designed to prepare majors for advanced study in physics (Master's and Doctor of Philosophy), to obtain technical positions in the industrial and governmental sectors, and to become high school physics teachers. Students interested in physics teaching certification should seek advisement in the Department of Physics and Astronomy. In addition, physics a gateway into other areas such as Astronomy, Biophysics, Chemistry, Computational Science, Geophysics, Engineering, Medicine, Oceanography, Patent law, Radiology, etc.

It is assumed that the minimum high school mathematical preparation of entering freshman physics students includes algebra, geometry, and trigonometry.

PACE Degree Plan

Page
Physics 328
Physics (Licensure) 329

Requirements for a Minor in Physics

The Undergraduate Laboratory and Curriculum Committee of the Department of Physics and Astronomy recommend that a student desiring a minor in Physics take any courses totaling at least eighteen (18) hours in the physics curriculum with the exception of the following courses: PHY 103, 328, 392, 435, 451, 455, 460, 462, 485 and 499.

School of Polymers and High Performance Materials

Robert Y. Lochhead, Chair
Hattiesburg, MS 39406-0076
(601) 266-4868

Griffin, Guymon, Hester, Hoyle, McCormick, Mathias, Mauritz, Moore, Storey, Thames, Urban

The School of Polymers and High Performance Materials offers programs of study leading to the degrees of the Bachelor of Science in Polymer Science, the Master of Science in Polymer Science and Engineering, and the Doctor of Philosophy in Polymer Science and Engineering. The School was awarded Commendation status by the Board of Trustees in 1983 as a result of a state-wide five year program review. For information concerning the Master's and Doctor of Philosophy degrees, see the Graduate Bulletin.

The objective of the undergraduate curriculum is to prepare the graduate to enter the industrial community or to continue his or her studies at the graduate level. The Bachelor of Science in Polymer Science constitutes an interdisciplinary program of study and, therefore, no minor is required. No polymer science course in which a student receives a grade less than "C" will count toward the polymer science major.

PACE DEGREE PLAN

Page
Polymer Science 330

Requirements for a Minor in Polymer Science

A minor in polymer science requires 18 hours of polymer science, with a grade of C or higher in each course. A student may choose 18 hours from the following: PSC 191, PSC 260, PSC 285, PSC 291, PSC 301, PSC 302, PSC 340, PSC 341L, PSC 342L, PSC 360, PSC 361, PSC 401, PSC 402, PSC 450, PSC 450L, PSC 470, PSC 470L, PSC 471, PSC 471L, PSC 480, and PSC 492.

Forensic Science Program

Gerald A. Mattson, Director
Hattiesburg, MS 39406-0076
(601) 266-6027

Requirements for a Minor in Forensic Science

Students pursuing a minor in Forensic Science must complete a minimum of eighteen (18) hours. These hours must include FSC 310 and 310L and fourteen (14) hours of electives to be selected from the following courses: FSC 140, 140L, 340, 445, 445L, 430, 440, 442, 442L, 480, 491, 491L, 497 (3 hours maximum), CHE 420, CHE 420L, MTC 309L, and MTC 409L.

PREMEDICAL AND HEALTH PROFESSIONS OFFICE

PACE Program Plans

***PRE-CYTOTECHNOLOGY (65 HRS) (SMA)**

01 BSC 110/110L, BSC 111/111L
02 BSC 380/380L
03 SELECT 8 HRS OF LABORATORY COURSES FROM DEPT OF BSC
04 CHE 106/106L, CHE 107/107L
05 ENG 101, ENG 102
06 SELECT 2 COURSES FROM: MAT 101, MAT 103, MAT 128, MAT 167, MAT 168, MAT 169, MAT 178, MAT 179 OR MAT 314
07 SELECT 6 HOURS FROM DEPTS OF HIS, ENG, PHI OR REL EXCEPT COURSES ENG 101 OR 102
08 SELECT 3 HOURS FROM DEPTS OF ANT, ECO, GHY, HIS, PS, PSY OR SOC.
09 AA 100, ART 130, DAN 107, MUS 365 OR THE 100
10 SELECT ENOUGH ELECTIVES SO THAT TOTAL PROGRAM EQUALS 65 HRS OR MORE

***PRE-DENTAL (90 HRS) (SMB)**

01 BSC 110/110L, BSC 111/111L
02 CHE 106/106L, CHE 107/107L
03 CHE 255/255L, CHE 256/256L
04 PHY 111/111L, PHY 112/112L
05 ENG 101, ENG 102
06 SELECT 2 COURSES FROM: ENG 203, ENG 332, ENG 333, SCM 111, SCM 305, SCM 320 OR SCM 330
07 SELECT 2 COURSES FROM: MAT 101, MAT 103, MAT 128, MAT 167, MAT 168, MAT 169, MAT 178, MAT 179 OR MAT 314
08 SELECT 6 HOURS FROM DEPTS OF PSY, SOC OR ANT
09 SELECT 4 HOURS COURSE LEVEL 300-400 FROM DEPTS OF BSC OR CHE
10 SELECT ENOUGH ELECTIVES SO THAT TOTAL PROGRAM EQUALS 90 HOURS OR MORE

***PRE-DENTAL HYGIENE (63 HRS) (SMC)**

01 BSC 110/110L, BSC 380/380L
02 BSC 250/250L, BSC 251/251L
03 CHE 106/106L, CHE 251/251L
04 ENG 101, ENG 102
05 MAT 101
06 PSY 110
07 PSY 370 OR PSY 372 OR PSY 375 OR PSY 436
08 SOC 101
09 SCM 111, SCM 305, SCM 320 OR SCM 330
10 AA 100, ART 130, DAN 107, MUS 365 OR THE 100
11 SELECT 6 HOURS FROM DEPTS OF HIS, ENG, PHI OR REL EXCEPT COURSES ENG 101 OR 102
12 SELECT 9 HOURS FROM DEPTS OF ANT, ECO, GHY, HIS, PS, PSY OR SOC EXCEPT COURSES PSY 110 AND SOC 101

***PRE-HEALTH INFORMATION MANAGEMENT (65 HRS) (SMD)**

01 ENG 101, ENG 102
02 SELECT 2 COURSES FROM: MAT 101, MAT 103, MAT 128, MAT 167, MAT 168, MAT 169, MAT 178, MAT 179 OR MAT 314
03 CSC 100
04 BSC 110/110L, BSC 111/111L
05 BSC 250/250L, BSC 251/251L
06 PSY 110
07 SCM 111, SCM 305, SCM 320 OR SCM 330
08 SELECT 6 HOURS FROM DEPTS OF HIS, ENG, PHI OR REL EXCEPT COURSES ENG 101 OR 102
09 ACC 200, ACC 300
10 AA 100, ART 130, DAN 107, MUS 365 OR THE 100
11 MGT 300
12 SELECT 10 HRS OF ELECTIVES SO THAT TOTAL PROGRAM EQUALS 65 HRS OR MORE.

***PRE-MEDICAL (90 HRS) (SME)**

01 BSC 110/110L, BSC 111/111L
02 CHE 106/106L, CHE 107/107L
03 CHE 255/255L, CHE 256/256L
04 PHY 111/111L, PHY 112/112L
05 ENG 101, ENG 102
06 SELECT 2 COURSES FROM: MAT 101, MAT 103, MAT 167, MAT 168, MAT 169, MAT 178, MAT 179 OR MAT 314
07 SELECT 8 HOURS COURSE LEVEL 300-400 FROM DEPTS OF BSC, CHE, MAT, PHY AND PSC
08 SELECT ENOUGH ELECTIVES SO THAT TOTAL PROGRAM EQUALS 90 HOURS OR MORE

*Advisement minors only, not majors.

PREMEDICAL AND HEALTH PROFESSIONS OFFICE

PACE Program Plans

***PRE-OCCUPATIONAL THERAPY (65 HRS) (SMF)**

01 BSC 110/110L, BSC 111/111L
02 COMPLETE EITHER: BSC 361/361L OR BSC 250/250L AND BSC 251/251L
03 CHE 106/106L
04 PHY 111/111L
05 ENG 101, ENG 102
06 MAT 101
07 PSY 110
08 PSY 375
09 SCM 111, SCM 305, SCM 320 OR SCM 330
10 SOC 101
11 SELECT 3 HRS FROM DEPTS OF ANT, ECO, GHY, HIS, PS, OR SOC
12 SELECT 6 HOURS FROM DEPTS OF HIS, ENG, PHI OR REL EXCEPT COURSES ENG 101 OR 102
13 AA 100, ART 130, DAN 107, MUS 365 OR THE 100
14 SELECT ENOUGH ELECTIVES SO THAT TOTAL HOURS EQUAL 65 OR MORE

***PRE-OPTOMETRY (90 HRS) (SMG)**

01 BSC 110/110L, BSC 111/111L
02 BSC 380/380L
03 CHE 106/106L, CHE 107/107L
04 CHE 255/255L, CHE 256/256L
05 PHY 111/111L, PHY 112/112L
06 SELECT 5-6 HOURS FROM COURSES: MAT 101, MAT 103, MAT 128, MAT 167, MAT 168 OR MAT 169
07 SELECT 1 COURSE FROM: MAT 167, MAT 168, MAT 169, MAT 178, MAT 179 OR MAT 314
08 ENG 101, ENG 102
09 SELECT 6 HOURS FROM DEPTS OF ANT, ECO, GHY, PS, PSY OR SOC EXCEPT COURSE PSY 110
10 PSY 110
11 PSY 360 OR CSS 211 (STATISTICS)
12 SELECT ENOUGH ELECTIVES SO THAT TOTAL PROGRAM EQUALS AT LEAST 90 HRS. RECOMMENDED COURSES INCLUDE BSC 380, BSC 451, CHE 420, CHE 421, ENG 203, PSY 370 OR PSY 436

***PRE-PHARMACY (65 HRS) (SMH)**

01 BSC 110/110L, BSC 111/111L
02 CHE 106/106L, CHE 107/107L
03 CHE 255/255L, CHE 256/256L
04 PHY 111/111L, PHY 112/112L
05 ENG 101, ENG 102
06 MAT 167 OR MAT 178 OR MAT 314 (CALCULUS)
07 SELECT 6 HRS FROM DEPTS OF ANT, ECO, GHY, PS, PSY OR SOC
08 SELECT 6 HOURS FROM DEPTS OF HIS, ENG, PHI OR REL EXCEPT COURSES ENG 101 OR 102
09 AA 100, ART 130, DAN 107, MUS 365 OR THE 100
10 ACC 200
11 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330
12 SELECT ENOUGH ELECTIVES SO THAT TOTAL PROGRAM EQUALS 65 HRS OR MORE

***PRE-PHYSICAL THERAPY (128 HRS) (SMI)**

01 BSC 110/110L, BSC 111/111L
02 BSC 361/361L
03 BSC 250/250L AND BSC 251/251L
04 2 LAB COURSES AT 300-400 LEVEL FROM DEPTS OF BSC OR CHE
05 CHE 106/106L, CHE 107/107L
06 PHY 111/111L, PHY 112/112L
07 ENG 101, ENG 102
08 MAT 101
09 SCM 111, SCM 305, SCM 320 OR SCM 330
10 PSY 110
11 PSY 436
12 PSY 360 OR CSS 211
13 SELECT 3 HRS FROM DEPTS OF ANT, ECO, GHY, HIS, PS OR SOC
14 SELECT 6 HOURS FROM DEPTS OF HIS, ENG, PHI OR REL EXCEPT COURSES ENG 101 OR 102
15 AA 100, ART 130, DAN 107, MUS 365 OR THE 100
16 SELECT ENOUGH COURSES TO COMPLETE A B.S. DEGREE PROGRAM

***PRE-VETERINARY (68 HRS) (SMK)**

01 BSC 110/110L, BSC 111/111L, BSC 360, BSC 370, BSC 380/380L
02 CHE 106/106L, CHE 107/107L
03 CHE 255/255L, CHE 420/420L
04 PHY 111/111L OR PHY 201/201L
05 ENG 101, ENG 102
06 SELECT 2 COURSES FROM: MAT 101, MAT 103, MAT 128, MAT 167, MAT 168, MAT 169, MAT 178, MAT 179 OR MAT 314
07 SELECT 6 HRS FROM DEPTS OF ANT, ECO, GHY, PS, PSY OR SOC
08 SELECT 6 HOURS FROM DEPTS OF HIS, ENG, PHI OR REL EXCEPT COURSES ENG 101 OR 102
09 AA 100, ART 130, DAN 107, MUS 365 OR THE 100
10 SCM 111, SCM 305, SCM 320 OR SCM 330
11 NFS 362

*Advisement minors only, not majors.

ARCHITECTURAL ENGINEERING TECHNOLOGY

Pace Degree Plan (S10)

01. REASONING AND COMMUNICATION SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 320
- 04 CSS 240 OR CSS 330 OR CSS 333
- 05 MAT 101
- 06 MAT 103

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 ENT 390
- 02 SELECT 1 COURSE FROM: ANT 101 OR ANT 221 OR GHY 101 OR GHY 102 OR GHY 331 OR GHY 341 OR PS 101 OR PS 220 OR PS 331 OR PS 425 OR PSY 110 OR PSY 375 OR SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (18 HRS)
- 01 PHY 111/111L OR PHY 201/201L
- 02 PHY 112/112L OR PHY 202/202L OR CHE 106/106L OR GLY 101/101L
- 03 SELECT 4 HRS FROM DEPTS OF AST, BSC, CHE, ESC, GLY, MAR OR PHY
- 04 MAT 136
- 05 MAT 137

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. ENGINEERING TECHNOLOGY CORE (16 HRS)
- 01 ENT 120 OR CSC 100
- 02 ENT 260
- 03 ENT 320
- 04 ENT 340/340L
- 05 ENT 420 OR ENT 426

07. EMPHASIS AREA REQUIREMENTS (63-67 HRS)
- 01 ACT 132/132L
- 02 ACT 204/204L
- 03 ACT 234/234L
- 04 ACT 235/235L
- 05 ACT 261/261L OR ACT 262/262L
- 06 ACT 301 OR ACT 338/338L
- 07 ACT 315
- 08 ACT 316
- 09 ACT 322
- 10 ACT 323/323L OR ART 101 OR ART 111
- 11 ACT 325
- 12 ACT 336/336L
- 13 ACT 343 OR BCT 444
- 14 ACT 363/363L
- 15 ACT 364/364L OR ACT 324/324L
- 16 ACT 400
- 17 ACT 401
- 18 ACT 426
- 19 ACT 457 OR BCT 454/454L
- 20 ACT 465/465L
- 21 BCT 205/205L
- 22 ELECTIVE (RECOMMEND ENT 110, REI 330, ENG 333, ACT 324/324L)

09. MINOR AREA OF STUDY (OPTIONAL)

Minimum of 135 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

COMPUTER ENGINEERING TECHNOLOGY

PACE Degree Plan (S20)

01. REASONING AND COMMUNICATION SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 320
- 04 CSS 333
- 05 MAT 101
- 06 MAT 103

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 ENT 390
- 02 SELECT 1 COURSE FROM: ANT 101 OR ANT 221 OR GHY 101 OR GHY 102 OR GHY 331 OR GHY 341 OR PS 101 OR PS 220 OR PS 331 OR PS 425 OR PSY 110 OR PSY 375 OR SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (18 HRS)
- 01 PHY 111/111L OR PHY 201/201L
- 02 PHY 112/112L OR PHY 202/202L
- 03 CHE 104/104L OR CHE 106/106L
- 04 MAT 136
- 05 MAT 137

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. ENGINEERING TECHNOLOGY CORE (6 HRS)
- 01 ENT 120
- 02 ENT 330

07. EMPHASIS AREA REQUIREMENTS (65 HRS)
- 01 CET 240/240L
- 02 CET 301/301L
- 03 CET 302/302L
- 04 CET 323
- 05 CET 400
- 06 CET 401
- 07 CET 420/420L
- 08 CET 471/471L
- 09 CET 472/472L
- 10 CET 477/477L
- 11 CSS 334
- 12 CSS 350
- 13 EET 110/110L
- 14 EET 111/111L
- 15 EET 200/200L
- 16 EET 210/210L
- 17 EET 311/311L
- 18 EET 312/312L
- 19 IET 406
- 20 SET 100
- 21 SET 101
- 22 SET 390

08. OTHER REQUIRED COURSES (3 HRS)
- 01 ENG 333

09. MINOR AREA OF STUDY (OPTIONAL)

Minimum of 136 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

CONSTRUCTION ENGINEERING TECHNOLOGY

PACE Degree Plan (S30)

01. REASONING AND COMMUNICATION SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 320
- 04 CSS 240, CSS 330, OR CSS 333
- 05 MAT 101
- 06 MAT 103

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 ENT 390
- 02 SELECT 1 COURSE FROM: ANT 101 OR ANT 221 OR GHY 101 OR GHY 102 OR GHY 331 OR GHY 341 OR PS 101 OR PS 220 OR PS 331 OR PS 425 OR PSY 110 OR PSY 375 OR SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (18 HRS)
- 01 PHY 111/111L
- 02 GLY 101/101L
- 03 SELECT 4 HRS FROM DEPTS OF AST, BSC, CHE, ESC, GLY, MAR OR PHY
- 04 MAT 136
- 05 MAT 137

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. ENGINEERING TECHNOLOGY CORE (16 HRS)
- 01 ENT 100
- 02 ENT 120
- 03 ENT 260
- 04 ENT 320
- 05 ENT 340/340L

07. EMPHASIS AREA REQUIREMENTS (56 HRS)
- 01 BCT 101
- 02 BCT 205/205L
- 03 BCT 235/235L
- 04 BCT 336/336L
- 05 BCT 337/337L
- 06 BCT 374
- 07 BCT 400
- 08 BCT 444
- 09 BCT 445/445L
- 10 BCT 446/446L
- 11 BCT 454/454L
- 12 BCT 455/455L
- 13 BCT 458/458L
- 14 BCT 476
- 15 BCT 477
- 16 BCT 480
- 17 BCT 486/486L

08. OTHER REQUIRED COURSES (6 HRS)
- 01 ACC 200
- 02 BA 200

09. MINOR AREA OF STUDY (OPTIONAL)

Minimum of 134 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

CONSTRUCTION ENGINEERING TECHNOLOGY (CIVIL)

PACE Degree Plan (S31)

01. REASONING AND COMMUNICATION SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 320
- 04 CSS 240 OR CSS 330
- 05 MAT 101
- 06 MAT 103

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 ENT 390
- 02 SELECT 1 COURSE FROM: ANT 101 OR ANT 221 OR GHY 101 OR GHY 102 OR GHY 331 OR GHY 341 OR PS 101 OR PS 220 OR PS 331 OR PS 425 OR PSY 110 OR PSY 375 OR SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (18 HRS)
- 01 PHY 111/111L
- 02 GLY 101/101L
- 03 SELECT 4 HOURS FROM DEPTS OF AST, BSC, CHE, ESC, GLY, MAR, OR PHY
- 04 MAT 136
- 05 MAT 137

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167, HPR 105

06. ENGINEERING TECHNOLOGY CORE (16 HRS)
- 01 ENT 100
- 02 ENT 120
- 03 ENT 260
- 04 ENT 320
- 05 ENT 340, ENT 340L

07. EMPHASIS AREA REQUIREMENTS (48 HRS)
- 01 BCT 101
- 02 BCT 205, BCT 205L
- 03 BCT 235, BCT 235L
- 04 BCT 307
- 05 BCT 336, BCT 336L
- 06 BCT 337/337L
- 07 BCT 374
- 08 BCT 400
- 09 BCT 455, BCT 455L
- 10 BCT 456, BCT 456L
- 11 BCT 458, BCT 458L
- 12 BCT 476
- 13 BCT 477
- 14 BCT 480
- 15 BCT 486, BCT 486L

08. OTHER REQUIRED COURSES (16 HRS)
- 01 TECHNICAL ELECTIVES (16 HRS)
  - BCT 408, BCT 408L
  - BCT 409, BCT 409L
  - BCT 444
  - BCT 445, BCT 445L
  - BCT 446, BCT 446L
  - OR EQUIVALENT TECHNICAL ELECTIVE

09. MINOR AREA OF STUDY (OPTIONAL)

10. SECOND MINOR AREA OF STUDY (OPTIONAL)

11. ELECTIVES

Minimum of 136 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

ARCHITECTURAL ENGINEERING TECHNOLOGY

Pace Degree Plan (S10)

01. REASONING AND COMMUNICATION SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 320
- 04 CSS 240 OR CSS 330 OR CSS 333
- 05 MAT 101
- 06 MAT 103

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 ENT 390
- 02 SELECT 1 COURSE FROM: ANT 101 OR ANT 221 OR GHY 101 OR GHY 102 OR GHY 331 OR GHY 341 OR PS 101 OR PS 220 OR PS 331 OR PS 425 OR PSY 110 OR PSY 375 OR SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (18 HRS)
- 01 PHY 111/111L OR PHY 201/201L
- 02 PHY 112/112L OR PHY 202/202L OR CHE 106/106L OR GLY 101/101L
- 03 SELECT 4 HRS FROM DEPTS OF AST, BSC, CHE, ESC, GLY, MAR OR PHY
- 04 MAT 136
- 05 MAT 137

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. ENGINEERING TECHNOLOGY CORE (16 HRS)
- 01 ENT 120 OR CSC 100
- 02 ENT 260
- 03 ENT 320
- 04 ENT 340/340L
- 05 ENT 420 OR ENT 426

07. EMPHASIS AREA REQUIREMENTS (63-67 HRS)
- 01 ACT 132/132L
- 02 ACT 204/204L
- 03 ACT 234/234L
- 04 ACT 235/235L
- 05 ACT 261/261L OR ACT 262/262L
- 06 ACT 301 OR ACT 338/338L
- 07 ACT 315
- 08 ACT 316
- 09 ACT 322
- 10 ACT 323/323L OR ART 101 OR ART 111
- 11 ACT 325
- 12 ACT 336/336L
- 13 ACT 343 OR BCT 444
- 14 ACT 363/363L
- 15 ACT 364/364L OR ACT 324/324L
- 16 ACT 400
- 17 ACT 401
- 18 ACT 426
- 19 ACT 457 OR BCT 454/454L
- 20 ACT 465/465L
- 21 BCT 205/205L
- 22 ELECTIVE (RECOMMEND ENT 110, REI 330, ENG 333, ACT 324/324L)

09. MINOR AREA OF STUDY (OPTIONAL)

Minimum of 135 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

COMPUTER ENGINEERING TECHNOLOGY

PACE Degree Plan (S20)

01. REASONING AND COMMUNICATION SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 320
- 04 CSS 333
- 05 MAT 101
- 06 MAT 103

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 ENT 390
- 02 SELECT 1 COURSE FROM: ANT 101 OR ANT 221 OR GHY 101 OR GHY 102 OR GHY 331 OR GHY 341 OR PS 101 OR PS 220 OR PS 331 OR PS 425 OR PSY 110 OR PSY 375 OR SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (18 HRS)
- 01 PHY 111/111L OR PHY 201/201L
- 02 PHY 112/112L OR PHY 202/202L
- 03 CHE 104/104L OR CHE 106/106L
- 04 MAT 136
- 05 MAT 137

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. ENGINEERING TECHNOLOGY CORE (6 HRS)
- 01 ENT 120
- 02 ENT 330

07. EMPHASIS AREA REQUIREMENTS (65 HRS)
- 01 CET 240/240L
- 02 CET 301/301L
- 03 CET 302/302L
- 04 CET 323
- 05 CET 400
- 06 CET 401
- 07 CET 420/420L
- 08 CET 471/471L
- 09 CET 472/472L
- 10 CET 477/477L
- 11 CSS 334
- 12 CSS 350
- 13 EET 110/110L
- 14 EET 111/111L
- 15 EET 200/200L
- 16 EET 210/210L
- 17 EET 311/311L
- 18 EET 312/312L
- 19 IET 406
- 20 SET 100
- 21 SET 101
- 22 SET 390

08. OTHER REQUIRED COURSES (3 HRS)
- 01 ENG 333

09. MINOR AREA OF STUDY (OPTIONAL)

Minimum of 136 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

CONSTRUCTION ENGINEERING TECHNOLOGY

PACE Degree Plan (S30)

01. REASONING AND COMMUNICATION SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 320
- 04 CSS 240, CSS 330, OR CSS 333
- 05 MAT 101
- 06 MAT 103

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 ENT 390
- 02 SELECT 1 COURSE FROM: ANT 101 OR ANT 221 OR GHY 101 OR GHY 102 OR GHY 331 OR GHY 341 OR PS 101 OR PS 220 OR PS 331 OR PS 425 OR PSY 110 OR PSY 375 OR SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (18 HRS)
- 01 PHY 111/111L
- 02 GLY 101/101L
- 03 SELECT 4 HRS FROM DEPTS OF AST, BSC, CHE, ESC, GLY, MAR OR PHY
- 04 MAT 136
- 05 MAT 137

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. ENGINEERING TECHNOLOGY CORE (16 HRS)
- 01 ENT 100
- 02 ENT 120
- 03 ENT 260
- 04 ENT 320
- 05 ENT 340/340L

07. EMPHASIS AREA REQUIREMENTS (56 HRS)
- 01 BCT 101
- 02 BCT 205/205L
- 03 BCT 235/235L
- 04 BCT 336/336L
- 05 BCT 337/337L
- 06 BCT 374
- 07 BCT 400
- 08 BCT 444
- 09 BCT 445/445L
- 10 BCT 446/446L
- 11 BCT 454/454L
- 12 BCT 455/455L
- 13 BCT 458/458L
- 14 BCT 476
- 15 BCT 477
- 16 BCT 480
- 17 BCT 486/486L

08. OTHER REQUIRED COURSES (6 HRS)
- 01 ACC 200
- 02 BA 200

09. MINOR AREA OF STUDY (OPTIONAL)

Minimum of 134 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

CONSTRUCTION ENGINEERING TECHNOLOGY (CIVIL)

PACE Degree Plan (S31)

01. REASONING AND COMMUNICATION SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 320
- 04 CSS 240 OR CSS 330
- 05 MAT 101
- 06 MAT 103

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 ENT 390
- 02 SELECT 1 COURSE FROM: ANT 101 OR ANT 221 OR GHY 101 OR GHY 102 OR GHY 331 OR GHY 341 OR PS 101 OR PS 220 OR PS 331 OR PS 425 OR PSY 110 OR PSY 375 OR SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (18 HRS)
- 01 PHY 111/111L
- 02 GLY 101/101L
- 03 SELECT 4 HOURS FROM DEPTS OF AST, BSC, CHE, ESC, GLY, MAR, OR PHY
- 04 MAT 136
- 05 MAT 137

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167, HPR 105

06. ENGINEERING TECHNOLOGY CORE (16 HRS)
- 01 ENT 100
- 02 ENT 120
- 03 ENT 260
- 04 ENT 320
- 05 ENT 340, ENT 340L

07. EMPHASIS AREA REQUIREMENTS (48 HRS)
- 01 BCT 101
- 02 BCT 205, BCT 205L
- 03 BCT 235, BCT 235L
- 04 BCT 307
- 05 BCT 336, BCT 336L
- 06 BCT 337/337L
- 07 BCT 374
- 08 BCT 400
- 09 BCT 455, BCT 455L
- 10 BCT 456, BCT 456L
- 11 BCT 458, BCT 458L
- 12 BCT 476
- 13 BCT 477
- 14 BCT 480
- 15 BCT 486, BCT 486L

08. OTHER REQUIRED COURSES (16 HRS)
- 01 TECHNICAL ELECTIVES (16 HRS)
  - BCT 408, BCT 408L
  - BCT 409, BCT 409L
  - BCT 444
  - BCT 445, BCT 445L
  - BCT 446, BCT 446L
  - OR EQUIVALENT TECHNICAL ELECTIVE

09. MINOR AREA OF STUDY (OPTIONAL)

10. SECOND MINOR AREA OF STUDY (OPTIONAL)

11. ELECTIVES

Minimum of 136 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

ELECTRONICS ENGINEERING TECHNOLOGY

PACE Degree Plan (S40)

01. REASONING AND COMMUNICATION SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 320
- 04 CSS 240, CSS 331 OR CSS 333
- 05 MAT 101
- 06 MAT 103

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 ENT 390
- 02 SELECT 1 COURSE FROM: ANT 101 OR ANT 221 OR GHY 101 OR GHY 102 OR GHY 331 OR GHY 341 OR PS 101 OR PS 220 OR PS 331 OR PS 425 OR PSY 110 OR PSY 375 OR SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (18 HRS)
- 01 PHY 111/111L OR PHY 201/201L
- 02 PHY 112/112L OR PHY 202/202L
- 03 CHE 104/104L OR CHE 106/106L
- 04 MAT 136
- 05 MAT 137

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. ENGINEERING TECHNOLOGY CORE (6 HRS)
- 01 ENT 120
- 02 ENT 330

07. EMPHASIS AREA REQUIREMENTS (64 HRS)
- 01 CET 240/240L
- 02 CET 301/301L
- 03 CET 302/302L
- 04 CET 316/316L
- 05 CET 420/420L
- 06 EET 110/110L
- 07 EET 111/111L
- 08 EET 200/200L
- 09 EET 210/210L
- 10 EET 230/230L
- 11 EET 323
- 12 EET 311/311L
- 13 EET 312/312L
- 14 EET 315/315L
- 15 EET 342/342L OR EET 461
- 16 EET 400
- 17 EET 401
- 18 EET 412/412L
- 19 EET 477/477L

08. OTHER REQUIRED COURSES (9 HRS)
- 01 ENG 333
- 02 SELECT 2 COURSES FROM ACT, BCT, CET, EET, ENT, IET, MET, OR CSS (TECHNICAL ELECTIVE).

09. MINOR AREA OF STUDY (OPTIONAL)

Minimum of 135 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

INDUSTRIAL ENGINEERING TECHNOLOGY

PACE Degree Plan (S60)

01. REASONING AND COMMUNICATION SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 320
- 04 CSS 240, CSS 330, OR CSS 333
- 05 MAT 101
- 06 MAT 103

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 ENT 390
- 02 SELECT 1 COURSE FROM: ANT 101 OR ANT 221 OR GHY 101 OR GHY 102 OR GHY 331 OR GHY 341 OR PS 101 OR PS 220 OR PS 331 OR PS 425 OR PSY 110 OR PSY 375 OR SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (18 HRS)
- 01 PHY 111/111L OR PHY 201/201L
- 02 PHY 112/112L OR PHY 202/202L
- 03 CHE 104/104L OR CHE 106/106L
- 04 MAT 136
- 05 MAT 137

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. ENGINEERING TECHNOLOGY CORE (23 HRS)
- 01 ENT 100
- 02 ENT 120
- 03 ENT 260
- 04 ENT 320
- 05 ENT 330
- 06 ENT 340/340L
- 07 ENT 470/470L

07. EMPHASIS AREA REQUIREMENTS (37 HRS)
- 01 IET 300/300L
- 02 IET 302
- 03 MET 410
- 04 IET 310/310L
- 05 IET 350
- 06 IET 400
- 07 IET 405
- 08 IET 406
- 09 IET 407
- 10 IET 409
- 11 IET 410/410L
- 12 IET 480

08. OTHER REQUIRED COURSES (12 HRS)
- 01 CSS 211
- 02 ENG 333
- 03 SELECT 2 COURSES FROM CET, EET, IET, MGT, ENT, MET, CSS, CSC, ESC (TECHNICAL ELECTIVES)

09. MINOR AREA OF STUDY (OPTIONAL)

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

INDUSTRIAL ENGINEERING TECHNOLOGY

(MANUFACTURING EMPHASIS)

PACE Degree Plan (S61)

01. REASONING AND COMMUNICATION SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 320
- 04 CSS 240, CSS 330, OR CSS 333
- 05 MAT 101
- 06 MAT 103

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 ENT 390
- 02 SELECT 1 COURSE FROM: ANT 101 OR ANT 221 OR GHY 101 OR GHY 102 OR GHY 331 OR GHY 341 OR PS 101 OR PS 220 OR PS 331 OR PS 425 OR PSY 110 OR PSY 375 OR SOC 101 OR SOC 240 OR SOC 314

04. NATURAL,AND APPLIED SCIENCES (18-20 HRS)
- 01 PHY 111/111L OR PHY 201/201L
- 02 PHY 112/112L OR PHY 202/202L
- 03 CHE 104/104L OR CHE 106/106L
- 04 MAT 136
- 05 MAT 137

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. ENGINEERING TECHNOLOGY CORE (19HRS)
- 01 ENT 100
- 02 ENT 120
- 03 ENT 320
- 04 ENT 330
- 05 ENT 420
- 06 ENT 470/470L

07. EMPHASIS AREA REQUIREMENTS (34 HRS)
- 01 IET 300/300L
- 02 IET 302
- 03 IET 406
- 04 IET 310/310L
- 05 MET 410
- 06 IET 400
- 07 IET 405
- 08 IET 407
- 09 IET 409
- 10 IET 410/410L
- 11 IET 480

08. OTHER REQUIRED COURSES (21 HRS)
- 01 CSS 211
- 02 ENG 333
- 03 SELECT 15 HOURS COURSE LEVEL 300 OR 400 FROM DEPTS OF CET, EET, IET, ENT, MGT, MET, CSS, CSC, OR TOE. (COURSES MUST BE APPROVED BY PROGRAM COORDINATOR.)

09. MINOR AREA OF STUDY (OPTIONAL)

Minimum of 130 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

WORKFORCE TRAINING AND DEVELOPMENT
(COMPUTER TECHNOLOGY)
PACE Degree Plan (S51)

01. REASONING AND COMMUNICATION SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111
- 04 CSS 333
- 05 MAT 101
- 06 MAT 103

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 SELECT 1 COURSE FROM EACH OF 2 GROUPS BELOW:
  - GRP 1: ANT 101 OR ANT 221
  - GRP 2: ECO 201
  - GRP 3: GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
  - GRP 4: PS 101 OR PS 220 OR PS 331 OR PS 425
  - GRP 5: PSY 110 OR PSY 375
  - GRP 6: SOC 101 OR SOC 240 OR PSY 314

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 SELECT 2 LAB SCIENCES FROM: AST 111/111L, AST 112/112L, BSC 110/110L, BSC 111/111L, CHE 104/104L, CHE 106/106L, CHE 107/107L, GLY 101/101L, GLY 103/103L, PHY 111/111L, PHY 112/112L
- 02 MAT 314

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. MATHEMATICS AND ENGINEERING TECHNOLOGY CORE (9 HRS)
- 01 ENT 120
- 02 CSS 211

07. TRAINING AND DEVELOPMENT CORE (30 HRS)
- 01 ADE 476
- 02 ENT 400
- 03 ENT 440
- 04 ENT 443
- 05 ENT 460
- 06 ENT 465
- 07 ENT 475
- 08 PHI 300
- 09 SET 490
- 10 SET 495

08. TECHNICAL CONCENTRATION (43 HRS)
- 01 CET 370/370L
- 02 CET 371/371L
- 03 CET 471/471L
- 04 CSC 411
- 05 CSC 414/414L
- 06 CSS 242 OR CSS 342
- 07 CSS 331
- 08 CSS 334
- 09 CSS 350 OR CSC 307
- 10 ENT 320
- 11 ENT 420
- 12 ENT 496

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

WORKFORCE TRAINING AND DEVELOPMENT
(CONSTRUCTION)
PACE Degree Plan (S52)

01. REASONING AND COMMUNICATION SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111
- 04 CSS 240 OR CSS 333
- 05 MAT 101
- 06 MAT 103

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 ENT 390
- 02 SELECT 1 COURSE FROM: ANT 101 OR ANT 221 OR GHY 101 OR GHY 102 OR GHY 331 OR GHY 341 OR PS 101 OR PS 220 OR PS 331 OR PS 425 OR PSY 110 OR PSY 375 OR SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 PHY 111/111L OR PHY 201/201L
- 02 CHE 104/104L OR CHE 106/106L
- 03 MAT 136

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. MATHEMATICS AND ENGINEERING TECHNOLOGY CORE (6 HRS)
- 01 ENT 120
- 02 MAT 137

07. TRAINING AND DEVELOPMENT CORE (30 HRS)
- 01 ADE 476
- 02 ENT 400
- 03 ENT 440
- 04 ENT 443
- 05 ENT 460
- 06 ENT 465
- 07 ENT 475
- 08 PHI 300
- 09 SET 490
- 10 SET 495

08. TECHNICAL CONCENTRATION (47 HRS)
- 01 ACT 343
- 02 BCT 445/445L
- 03 BCT 454/454L
- 04 BCT 458/458L
- 05 BCT 476
- 06 BCT 477
- 07 BCT 478
- 08 ENT 260
- 09 ENT 320
- 10 ENT 340/340L
- 11 ENT 420
- 12 ENT 450/450L
- 13 ENT 496

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

WORKFORCE TRAINING AND DEVELOPMENT
(ENVIRONMENTAL SCIENCE)
PACE Degree Plan (S53)

01. REASONING AND COMMUNICATION SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111
- 04 CSS 240 OR CSS 333
- 05 MAT 101
- 06 MAT 103

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 SELECT 1 COURSE FROM EACH OF 2 GROUPS BELOW:
  - GRP 1: ANT 101 OR ANT 221
  - GRP 2: ECO 201
  - GRP 3: GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
  - GRP 4: PS 101 OR PS 220 OR PS 331 OR PS 425
  - GRP 5: PSY 110 OR PSY 375
  - GRP 6: SOC 101 OR SOC 240 OR PSY 314

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 CHE 106/106L
- 02 BSC 110/110L
- 02 MAT 314

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. MATHEMATICS AND ENGINEERING TECHNOLOGY CORE (6 HRS)
- 01 CSS 211
- 02 ENT 120

07. TRAINING AND DEVELOPMENT CORE (30 HRS)
- 01 ADE 476
- 02 ENT 400
- 03 ENT 440
- 04 ENT 443
- 05 ENT 460
- 06 ENT 465
- 07 ENT 475
- 08 PHI 300
- 09 SET 490
- 10 SET 495

08. TECHNICAL CONCENTRATION (43 HRS)
- 01 ENT 444
- 02 ENT 445
- 03 ENT 496
- 04 ESC 250
- 05 ESC 301
- 06 ESC 302
- 07 ESC 401
- 08 ESC 406
- 09 ESC 430
- 10 ESC 450
- 11 CJ 431
- 12 GLY 101
- 13 GLY 306

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

WORKFORCE TRAINING AND DEVELOPMENT
(INDUSTRIAL/MANUFACTURING)
PACE Degree Plan (S54)

01. REASONING AND COMMUNICATION SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111
- 04 CSS 240 OR CSS 333
- 05 MAT 101
- 06 MAT 103

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 ENT 390
- 02 SELECT 1 COURSE FROM: ANT 101 OR ANT 221 OR GHY 101 OR GHY 102 OR GHY 331 OR GHY 341 OR PS 101 OR PS 220 OR PS 331 OR PS 425 OR PSY 110 OR PSY 375 OR SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (11 HRS)
- 01 PHY 111/111L
- 02 CHE 104/104L
- 03 MAT 314

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. MATHEMATICS AND ENGINEERING TECHNOLOGY CORE (6 HRS)
- 01 CSS 211
- 02 ENT 120

07. TRAINING AND DEVELOPMENT CORE (30 HRS)
- 01 ADE 476
- 02 ENT 400
- 03 ENT 440
- 04 ENT 443
- 05 ENT 460
- 06 ENT 465
- 07 ENT 475
- 08 PHI 300
- 09 SET 490
- 10 SET 495

08. TECHNICAL CONCENTRATION (43 HRS)
- 01 ENT 320
- 02 ENT 496
- 03 IET 300/300L
- 04 IET 302
- 05 IET 308
- 06 IET 310/310L
- 07 IET 350
- 08 IET 405/405L
- 09 IET 406
- 10 IET 409/409L
- 11 IET 410/410L
- 12 IET 480
- 13 MET 410/410L

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

MECHANICAL ENGINEERING TECHNOLOGY

PACE Degree Plan (S80)

01. REASONING AND COMMUNICATION SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 320
- 04 CSS 240 OR CSS 330
- 05 MAT 101
- 06 MAT 103

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 ENT 390
- 02 SELECT 1 COURSE FROM: ANT 101 OR ANT 221 OR GHY 101 OR GHY 102 OR GHY 331 OR GHY 341 OR PS 101 OR PS 220 OR PS 331 OR PS 425 OR PSY 110 OR PSY 375 OR SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (18 HRS)
- 01 PHY 111/111L OR PHY 201/201L
- 02 PHY 112/112L OR PHY 202/202L
- 03 CHE 104/104L OR CHE 106/106L
- 04 MAT 136
- 05 MAT 137

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. ENGINEERING TECHNOLOGY CORE (26 HRS)
- 01 ENT 100
- 02 ENT 110
- 03 ENT 120
- 04 ENT 260
- 05 ENT 320
- 06 ENT 330
- 07 ENT 340/340L
- 08 ENT 470/470L

07. EMPHASIS AREA REQUIREMENTS (39 HRS)
- 01 IET 300/300L
- 02 IET 302
- 03 IET 310/310L
- 04 MET 322
- 05 MET 323/323L
- 06 MET 331/331L
- 07 MET 341/341L
- 08 MET 362
- 09 MET 400
- 10 MET 410
- 11 MET 420/420L

08. OTHER REQUIRED COURSES (9 HRS)
- 01 CSS 211
- 02 ENG 333
- 03 IET 406

09. MINOR AREA OF STUDY (OPTIONAL)

Minimum of 130 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

SOFTWARE ENGINEERING TECHNOLOGY

PACE Degree Plan (S90)

01. REASONING AND COMMUNICATION SKILLS (21 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 320
- 04 CSS 333
- 05 SELECT 5-6 HOURS FROM COURSES: MAT 101, MAT 103, MAT 128, MAT 136, MAT 167, MAT 168 OR MAT 178
- 06 SELECT 1 COURSE FROM COURSES: MAT 137, MAT 167, MAT 168, MAT 169, MAT 178, MAT 179 OR MAT 314

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 ENT 390
- 02 SELECT 1 COURSE FROM: ANT 101 OR ANT 221 OR GHY 101 OR GHY 102 OR GHY 331 OR GHY 341 OR PS 101 OR PS 220 OR PS 331 OR PS 425 OR PSY 110 OR PSY 375 OR SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (14-16 HRS)
- 01 ANY 2 GROUPS: AST 111/111L, AST 112/112L, BSC 103/103L, BSC 110/110L, BSC 111/111L, CHE 104/104L, CHE 106/106L, CHE 107/107L, GLY 101/101L, GLY 103/103L, GLY 151/151L, PHY 111/111L, PHY 112/112L, PHY 201/201L, PHY 202/202L
- 02 ESC 301
- 03 SCIENCE ELECTIVE (300 OR 400 LEVEL)

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. ENGINEERING TECHNOLOGY CORE (9 HRS)
- 01 ENT 120
- 02 ENT 320
- 03 ENT 425

07. EMPHASIS AREA REQUIREMENTS (20 HRS)
- 01 SET 100
- 02 SET 101
- 03 SET 370/370L
- 04 SET 371/371L
- 05 SET 390
- 06 SET 400
- 07 SET 401
- 08 CSS 334

08. OTHER REQUIRED COURSES (6 HRS)
- 01 ENG 333
- 02 MGT 300 OR MKT 300

09. MINOR AREA OF STUDY (OPTIONAL)

10. TECHNICAL ELECTIVES (38 HRS)
- 01 COMPLETE 26 HOURS OF COURSE SEQUENCE OF APPROVED TECHNICAL ELECTIVES

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

PRE-ARCHITECTURE

PACE Program Plan (SM5)

01. REASONING AND COMMUNICATION SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 320
- 04 MAT 101
- 05 MAT 103
- 06 MAT 102 OR MAT 312

02. HUMANITIES AND FINE ARTS (9 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ART 130 OR AA 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 PSY 110 OR PSY 375
- 02 SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (8 HRS)
- 01 PHY 111/111L OR PHY 201/201L
- 02 PHY 112/112L OR PHY 202/202L

05. MAJOR EMPHASIS REQUIREMENTS (21 HRS)
- 01 ENT 120
- 02 ENT 260
- 03 ENT 320
- 04 ENT 420 OR 426
- 05 ACT 132, 132L
- 06 ACT 204, 204L
- 07 ACT 322

06. OTHER REQUIRED COURSES (3 HRS)
- 01 ART 101

The above listing is based on currently known requirements for schools of architecture and recommended courses to better guarantee success in those schools. It is recommended that each student verify for themselves transfer of credit to the Architectural School of their choice prior to entering our Pre-Architecture program at USM.

PRE-ENGINEERING

PACE Program Plan (SM6)

01. REASONING AND COMMUNICATION SKILLS (19 HRS)

01 ENG 101
02 ENG 102
03 SCM 111 OR SCM 320
04 SELECT 1 GROUP FROM: (MAT 167, MAT 168 AND MAT 169) OR (MAT 178 AND MAT 179)

02. HUMANITIES AND FINE ARTS (9 HRS)

01 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100
02 SELECT 2 COURSES FROM ONE GROUP BELOW:
(HIS 101, 102) OR (HIS 140, 141)
ENG 203, 340, 350, 351, 370, 371, 372
REL 131, 333, 335, 435, 436
PHI 151, 253, 300, 316
FOREIGN LANGUAGE (CHI, FRE, GER, GRK, ITA, JPN, LAT, RUS, OR SPA)

03. SOCIAL AND BEHAVIORAL SCIENCES (9 HRS)

01 SELECT 1 COURSE FROM EACH OF 2 GROUPS BELOW:
ANT 101 OR ANT 221
ECO 201 OR ECO 202
GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
PS 101 OR PS 220 OR PS 331 OR PS 425
PSY 110 OR PSY 375
SOC 101 OR SOC 240 OR SOC 314
02 SELECT A THIRD COURSE FROM ONE OF THE DEPTS CHOSEN ABOVE.

04. NATURAL AND APPLIED SCIENCES (24 HRS)

01 CHE 106, CHE 106L
02 CHE 107, CHE 107L
03 PHY 201, PHY 201L
04 PHY 202, PHY 202L
05 MAT 280
06 MAT 385

05. MAJOR/EMPHASIS REQUIREMENTS (6 HRS)

01 ENT 100
02 ENT 260
03 ENT 360, ENT 360L

06. PRE-ENGINEERING ELECTIVES (VARIES)

01 ELECTIVES SHOULD BE CHOSEN BASED ON THE ENGINEERING SPECIALIZATION.
AERO- CSS 240, MAT 316 or 326, MAT 415
BIO- BSC 110/L, 111/L, CHE 251/L , CSS 240
CHEM- CHE 255/L, 256/L, 461/L, 462/L
CIVIL - ENT 390, CSS 240 OR 330 OR 333
COMPU - CSC 101/L, 102/L, CSS 240, 333, 340, 343, 350, MAT 316 OR 326, PHY 361/L
ELEC- CSC 101/L, CSC 102, CSS 240, MAT 316 OR 326, PHY 361/L
INDU- CSS 333, ENT 390, MAT 316 OR 326, ECO 201, 202
MECH- ENT 390

BIOLOGICAL SCIENCES

PACE Degree Plan (S00)

01. REASONING/COMMUNICATION SKILLS (21-22 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330
- 04 CSS 240 OR CSS 330 OR CSS 333
- 05 SELECT 5 - 6 HOURS FROM COURSES: MAT 101, MAT 103, MAT 128, MAT 167, MAT 168 OR MAT 178
- 06 SELECT 1 COURSE FROM COURSES: MAT 167, MAT 168, MAT 169, MAT 178, MAT 179 OR MAT 314

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 SELECT 1 COURSE FROM EACH OF 2 GROUPS BELOW:
  - GRP 1: ANT 101 OR ANT 221
  - GRP 2: ECO 201
  - GRP 3: GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
  - GRP 4: PS 101 OR PS 220 OR PS 331 OR PS 425
  - GRP 5: PSY 110 OR PSY 375
  - GRP 6: SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (SEE MAJOR/EMPHASIS REQUIREMENTS)

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. MAJOR/EMPHASIS REQUIREMENTS (36 HRS)
- 01 BSC 110, BSC 110L
- 02 BSC 111, BSC 111L
- 03 BSC 201, BSC 201L
- 04 BSC 226, BSC 226L
- 05 BSC 360
- 06 BSC 370
- 07 BSC 380, BSC 380L
- 08 SELECT 3 - 5 HRS FROM COURSES BSC 431, BSC 431L, BSC 450, BSC 451, BSC 452, BSC 453, BSC 454L, BSC 487, BSC 487L. (PHYSIOLOGY GROUP)
- 09 SELECT 3 HRS FROM COURSES BSC 340, BSC 382, BSC 435, BSC 435L, BSC 436, BSC 436L, BSC 440, BSC 440L, BSC 441, BSC 441L, BSC 442, BSC 443, BSC 443L. (ECOLOGY GROUP)
- 10 SELECT 2 - 4 HOURS COURSE LEVEL 300 OR 400 FROM DEPT OF BSC.
- 11 BSC 497

07. OTHER REQUIRED COURSES (25-27 hrs)
- 01 CHE 106, CHE 106L
- 02 CHE 107, CHE 107L
- 03 CHE 255, CHE 255L
- 04 CHE 256, CHE 256L
- 05 PHY 111/111L OR PHY 201/201L
- 06 PHY 112/112L OR PHY 202/202L

09. MINOR AREA OF STUDY (OPTIONAL)

11. ELECTIVES (23-26 hrs)
- 01 SELECT SUFFICIENT ELECTIVE COURSES FROM ANY DEPARTMENT SO THAT TOTAL HOURS ARE EQUAL TO 128 OR MORE, WITH AT LEAST 45 HOURS AT THE 300 LEVEL OR HIGHER.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

BIOLOGICAL SCIENCES (LICENSURE)

PACE Degree Plan (S00A)

01. REASONING/COMMUNICATION SKILLS (24-25 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 ENG 333 OR ENG 332
- 04 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330
- 05 CSS 240 OR CSS 330 OR CSS 333 OR CSS 400
- 06 SELECT 5 - 6 HOURS FROM COURSES: MAT 101, MAT 103, MAT 128, MAT 167, MAT 168 OR MAT 178
- 07 SELECT 1 COURSE FROM COURSES: MAT 167, MAT 168, MAT 169, MAT 178, MAT 179 OR MAT 314

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 PSY 110
- 02 SELECT 1 COURSE FROM:
  - GRP 1: ANT 101 OR ANT 221
  - GRP 2: ECO 201
  - GRP 3: GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
  - GRP 4: PS 101 OR PS 220 OR PS 331 OR PS 42
  - GRP 5: SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES
(SEE MAJOR/EMPHASIS REQUIREMENTS)

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. MAJOR/EMPHASIS REQUIREMENTS (36-37 HRS)
- 01 BSC 110, BSC 110L
- 02 BSC 111, BSC 111L
- 03 BSC 201, BSC 201L
- 04 BSC 226, BSC 226L
- 05 BSC 360
- 06 BSC 370
- 07 BSC 380, BSC 380L
- 08 BSC 450 OR BSC 431 (PHYSIOLOGY GROUP)
- 09 SELECT 3-4 HRS FROM COURSES BSC 382, BSC 435, BSC 435L, BSC 436, BSC 436L, BSC 440, BSC 440L, BSC 441, BSC 441L, BSC 442, BSC 443, BSC 443L. (ECOLOGY GROUP)
- 10 BSC 495, BSC 495L

07. OTHER REQUIRED COURSES (29-31 HRS)
- 01 CHE 106, CHE 106L
- 02 CHE 107, CHE 107L
- 03 CHE 255, CHE 255L
- 04 CHE 256, CHE 256L
- 05 PHY 111/111L OR PHY 201/201L
- 06 PHY 112/112L OR PHY 202/202L
- 07 GLY 101, GLY 101L

09. MINOR AREA OF STUDY (OPTIONAL)

10. TEACHER EDUCATION REQUIREMENTS (32 HRS)
- 01 PSY 374, REF 400, REF 469, SPE 400
- 02 CIS 313
- 03 SCE 460
- 04 SCE 489, SCE 490 (STUDENT TEACHING)

Minimum of 141 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

ENVIRONMENTAL BIOLOGY

PACE Degree Plan (S03)

01. REASONING/COMMUNICATION SKILLS (21 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 ENG 333
- 04 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330
- 05 CSS 240 OR CSS 330 OR CSS 333
- 06 SELECT 5 - 6 HOURS FROM COURSES: MAT 101, MAT 103, MAT 128, MAT 167, MAT 168 OR MAT 178
- 07 SELECT 1 COURSE FROM COURSES: MAT 167, MAT 168, MAT 169, MAT 178, MAT 179 OR MAT 314

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 SELECT 1 COURSE FROM EACH OF 2 GROUPS BELOW:
  - GRP 1: ANT 101 OR ANT 221
  - GRP 2: ECO 201
  - GRP 3: GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
  - GRP 4: PS 101 OR PS 220 OR PS 331 OR PS 425
  - GRP 5: PSY 110 OR PSY 375
  - GRP 6: SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (SEE MAJOR/EMPHASIS REQUIREMENTS)

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. MAJOR/EMPHASIS REQUIREMENTS (38-43 HRS)
- 01 BSC 110, BSC 110L
- 02 BSC 111, BSC 111L
- 03 BSC 201, BSC 201L
- 04 BSC 226, BSC 226L
- 05 BSC 370
- 06 BSC 380, BSC 380L
- 07 BSC 340
- 08 SELECT 3 - 5 HRS FROM COURSES BSC 360, BSC 431, BSC 431L, BSC 450, BSC 451, BSC 452, BSC 453, BSC 454L, BSC 487, BSC 487L (PHYSIOLOGY GROUP)
- 09 SELECT 3-4 HOURS FROM COURSES BSC 382, BSC 435, BSC 435L, BSC 436, BSC 436L, BSC 440, BSC 440L, BSC 441, BSC 441L, BSC 442 (ECOLOGY GROUP)
- 10 SELECT 6-8 HRS FROM COURSES BSC 407, BSC 407L, BSC 408, BSC 408L, BSC 409, BSC 409L, BSC 411, BSC 411L, BSC 413, BSC 413L, BSC 414, BSC 414L, BSC 415, BSC 415L, BSC 417, BSC 417L, BSC 418, BSC 418L, BSC 419, BSC 419L, BSC 426, BSC 426L, BSC 427, BSC 427L, BSC 428, BSC 428L, BSC 429, BSC 429L, BSC 430, BSC 430L, BSC 433, BSC 433L, BSC 434, BSC 434L, BSC 458, BSC 458L (ORGANISMAL GROUP)
- 11 SELECT 3 HRS FROM COURSES BSC 305, BSC 416, BSC 416L, BSC 443, BSC 443L, BSC 444, BSC 444L, BSC 445, BSC 445L, BSC 455, BSC 455L, BSC 489, BSC 489L (FUNCTION GROUP)
- 12 BSC 497

07. OTHER REQUIRED COURSES (28-30 HRS)
- 01 CHE 106, CHE 106L
- 02 CHE 107, CHE 107L
- 03 CHE 255, CHE 255L
- 04 CHE 256, CHE 256L
- 05 PHY 111/111L OR PHY 201/201L
- 06 PHY 112/112L OR PHY 202/202L
- 07 PSY 360

09. MINOR AREA OF STUDY (OPTIONAL)

11. ELECTIVES (14-21 HRS)
- 01 SELECT SUFFICIENT ELECTIVE COURSES FROM ANY DEPARTMENT SO THAT TOTAL HOURS ARE EQUAL TO 128 OR MORE, WITH AT LEAST 45 HOURS AT THE 300 LEVEL OR HIGHER

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

MARINE BIOLOGY

PACE Degree Plan (S04)

01. REASONING/COMMUNICATION SKILLS (21-22 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330
- 04 CSS 240 OR CSS 330 OR CSS 333
- 05 SELECT 5 - 6 HOURS FROM COURSES: MAT 101, MAT 103, MAT 128, MAT 167, MAT 168 OR MAT 178
- 06 SELECT 1 COURSE FROM COURSES: MAT 167, MAT 168, MAT 169, MAT 178, MAT 179 OR MAT 314

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 SELECT 1 COURSE FROM EACH OF 2 GROUPS BELOW:
  GRP 1: ANT 101 OR ANT 221
  GRP 2: ECO 201
  GRP 3: GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
  GRP 4: PS 101 OR PS 220 OR PS 331 OR PS 425
  GRP 5: PSY 110 OR PSY 375
  GRP 6: SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES
(SEE MAJOR/EMPHASIS REQUIREMENTS)

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. MAJOR/EMPHASIS REQUIREMENTS (36 HRS)
- 01 BSC 110, BSC 110L
- 02 BSC 111, BSC 111L
- 03 BSC 201, BSC 201L
- 04 BSC 370
- 05 BSC 380, BSC 380L
- 06 BSC 360 OR BSC 450 OR BSC 451 OR BSC 452 OR BSC 453
- 07 SELECT 1 COURSE FROM GROUP I BELOW.
- 08ELECT 1 COURSE FROM GROUP II BELOW.
- 09 SELECT ADDITIONAL HRS FROM GROUPS I AND II BELOW SO THAT BSC ELECTIVES EQUAL 13 HOURS; *AT LEAST 10 HOURS MUST BE TAKEN AT THE GULF COAST RESEARCH LAB.
  GRP I: 407, 408, 409, 414, 415, 421*, 424*, 425*, 427, 430, 437*, 458*, 459*, 468,* 476, 478L, 479*, 487
  GRP II: 382, 416, 436,438*, 439*, 440, 441, 445, 446, 447*, 448*, 449*, 489, 490*
- 10 BSC 497

07. OTHER REQUIRED COURSES (25-27 HRS)
- 01 CHE 106, CHE 106L
- 02 CHE 107, CHE 107L
- 03 CHE 255, CHE 255L
- 04 CHE 256, CHE 256L
- 05 PHY 111/111L OR PHY 201/201L
- 06 PHY 112/112L OR PHY 202/202L

09. MINOR AREA OF STUDY (OPTIONAL)

11. ELECTIVES (23-26 HRS)
- 01 SELECT SUFFICIENT ELECTIVE COURSES FROM ANY DEPARTMENT SO THAT TOTAL HOURS ARE EQUAL TO 128 OR MORE, WITH AT LEAST 45 HOURS AT THE 300 LEVEL OR HIGHER

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

MICROBIOLOGY

PACE Degree Plan (S01)

01. REASONING AND COMMUNICATION SKILLS (24-25 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330
- 04 CSS 240 OR CSS 330 OR CSS 333
- 05 CSS 211
- 06 SELECT 5 - 6 HOURS FROM COURSES: MAT 101, MAT 103, MAT 128, MAT 167, MAT 168 OR MAT 178
- 07 SELECT 1 COURSE FROM COURSES: MAT 167, MAT 168, MAT 169, MAT 178, MAT 179 OR MAT 314

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 SELECT 1 COURSE FROM EACH OF 2 GROUPS BELOW:
  - GRP 1: ANT 101 OR ANT 221
  - GRP 2: ECO 201
  - GRP 3: GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
  - GRP 4: PS 101 OR PS 220 OR PS 331 OR PS 425
  - GRP 5: PSY 110 OR PSY 375
  - GRP 6: SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (SEE MAJOR/EMPHASIS REQUIREMENTS)

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. MAJOR/EMPHASIS REQUIREMENTS (46 HRS)
- 01 BSC 110, BSC 110L
- 02 BSC 111, BSC 111L
- 03 BSC 370
- 04 BSC 380, BSC 380L
- 05 BSC 484, BSC 484L
- 06 BSC 486, BSC 486L
- 07 BSC 477, BSC 477L
- 08 BSC 487, BSC 487L
- 09 SELECT 4 HRS FROM COURSES BSC 478L, BSC 481, BSC 481L, BSC 488, BSC 488L, BSC 489, BSC 489L (APPLIED MICROBIOLOGY)
- 10 SELECT 3 HRS FROM COURSES BSC 382, BSC 476, BSC 482, BSC 482L, BSC 485, BSC 485L (ADVANCED MICROBIOLOGY)
- 11 SELECT 6 HRS COURSE LEVEL 300 OR 400 FROM DEPT OF BSC (RECOMMENDED COURSES INCLUDE THOSE LISTED ABOVE IN THE APPLIED MICRO AND ADVANCED MICRO GROUPS PLUS BSC 360, 403/L, 410/L, 412/L, 426/L, 427/L, 462/L, 463/L, 464/L, 467/L.)
- 12 BSC 497

07. OTHER REQUIRED COURSES (8-10 HRS)
- 01 PHY 111/111L OR PHY 201/201L
- 02 PHY 112/112L OR PHY 202/202L

09. CHEMISTRY MINOR (28 HRS)
- 01 CHE 106, CHE 106L
- 02 CHE 107, CHE 107L
- 03 CHE 255, CHE 255L
- 04 CHE 256, CHE 256L
- 05 CHE 311, CHE 311L
- 06 CHE 421
- 07 CHE 422

11. ELECTIVES (0-2 HRS)
- 01 SELECT SUFFICIENT ELECTIVE COURSES FROM ANY DEPARTMENT SO THAT TOTAL HOURS ARE EQUAL TO 128 OR MORE, WITH AT LEAST 45 HOURS AT THE 300 LEVEL OR HIGHER.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

MOLECULAR BIOLOGY

PACE Degree Plan (S06)

01. REASONING AND COMMUNICATION SKILLS (21-22 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330
- 04 CSS 240 OR CSS 330 OR CSS 333
- 05 SELECT 5 - 6 HOURS FROM COURSES: MAT 101, MAT 103, MAT 128, MAT 167, MAT 168 OR MAT 178
- 06 SELECT 1 COURSE FROM COURSES: MAT 167, MAT 168, MAT 169, MAT 178, MAT 179 OR MAT 314

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 SELECT 1 COURSE FROM EACH OF 2 GROUPS BELOW:
  - GRP 1: ANT 101 OR ANT 221
  - GRP 2: ECO 201
  - GRP 3: GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
  - GRP 4: PS 101 OR PS 220 OR PS 331 OR PS 425
  - GRP 5: PSY 110 OR PSY 375
  - GRP 6: SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES
(SEE MAJOR/EMPHASIS REQUIREMENTS)

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. MAJOR/EMPHASIS REQUIREMENTS (49 HRS)
- 01 BSC 110, BSC 110L
- 02 BSC 111, BSC 111L
- 03 BSC 370
- 04 BSC 380, BSC 380L
- 05 BSC 476
- 06 BSC 477, BSC 477L
- 07 BSC 478L
- 08 BSC 487, BSC 487L
- 10 SELECT AT LEAST 17 HOURS FROM UPPER-LEVEL BSC AND CHE COURSES; RECOMMENDED COURSES INCLUDE BSC 360, BSC 469/L, BSC 471/L, BSC 479/L, BSC 484/L, BSC 486/L, CHE 311/L, CHE 461/L AND CHE 462/L, WITH AT LEAST 5 HOURS FROM BSC.
- 11 BSC 497

07. OTHER REQUIRED COURSES (11-13 HRS)
- 01 PHY 111/111L OR PHY 201/201L
- 02 PHY 112/112L OR PHY 202/202L
- 03 PSY 360 or CSS 211

09. CHEMISTRY MINOR (27 HRS)
- 01 CHE 106, CHE 106L
- 02 CHE 107, CHE 107L
- 03 CHE 255, CHE 255L
- 04 CHE 256, CHE 256L
- 05 CHE 421, CHE 421L
- 06 CHE 422, CHE 422L

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

CHEMISTRY (ACS-CERTIFIED PROGRAM)

PACE Degree Plan (SA1)

01. REASONING/COMMUNICATION SKILLS (25 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 ENG 333
- 04 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330
- 05 CSS 240 OR CSS 330
- 06 SELECT 1 GROUP FROM: MAT 167, MAT 168, MAT 169 OR MAT 178, MAT 179

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 SELECT 1 COURSE FROM EACH OF 2 GROUPS BELOW:
  - GRP 1: ANT 101 OR ANT 221
  - GRP 2: ECO 201
  - GRP 3: GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
  - GRP 4: PS 101 OR PS 220 OR PS 331 OR PS 425
  - GRP 5: PSY 110 OR PSY 375
  - GRP 6: SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (SEE MAJOR/EMPHASIS REQUIREMENTS)

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. MAJOR/EMPHASIS REQUIREMENTS (50 HRS)
- 01 CHE 106, CHE 106L
- 02 CHE 107, CHE 107L
- 03 CHE 255, CHE 255L
- 04 CHE 256, CHE 256L
- 05 CHE 311, CHE 311L
- 06 CHE 400
- 07 CHE 411, CHE 411L
- 08 CHE 421, CHE 421L
- 09 CHE 431, CHE 431L
- 10 CHE 331
- 11 CHE 461, CHE 461L
- 12 CHE 462, CHE 462L
- 13 SELECT 3 HOURS FROM COURSES CHE 494 OR CHE 496 (INTERNSHIP OR RESEARCH)

07. OTHER REQUIRED COURSES (13 HRS)
- 01 PHY 201, PHY 201L
- 02 PHY 202, PHY 202L
- 03 MAT 285

09. MINOR AREA OF STUDY (OPTIONAL)

11. ELECTIVES (20 HRS)
- 01 SELECT SUFFICIENT ELECTIVE COURSES FROM ANY DEPARTMENT SO THAT TOTAL HOURS ARE EQUAL TO 128 OR MORE, WITH AT LEAST 45 HOURS AT THE 300 LEVEL OR HIGHER.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

BIOCHEMISTRY

PACE Degree Plan (SA2)

01. REASONING/COMMUNICATION SKILLS (24-25 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 ENG 333
- 04 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330
- 05 CSS 240 OR CSS 330
- 06 SELECT 5 - 6 HOURS FROM COURSES: MAT 101, MAT 103, MAT 128, MAT 167, MAT 168 OR MAT 178
- 07 SELECT 1 GROUP FROM: MAT 167, MAT 168, MAT 169 OR MAT 178, MAT 179 OR MAT 128, MAT 167, MAT 168

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 SELECT 1 COURSE FROM EACH OF 2 GROUPS BELOW:
  - GRP 1: ANT 101 OR ANT 221
  - GRP 2: ECO 201
  - GRP 3: GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
  - GRP 4: PS 101 OR PS 220 OR PS 331 OR PS 425
  - GRP 5: PSY 110 OR PSY 375
  - GRP 6: SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (SEE MAJOR/EMPHASIS REQUIREMENTS)

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. MAJOR/EMPHASIS REQUIREMENTS (67 HRS)
- 01 CHE 106, CHE 106L
- 02 CHE 107, CHE 107L
- 03 CHE 255, CHE 255L
- 04 CHE 256, CHE 256L
- 05 CHE 311, CHE 311L
- 06 CHE 421, CHE 421L
- 07 CHE 422, CHE 422L
- 08 CHE 461, CHE 461L
- 09 SELECT 4 HRS FROM CRS TOX 470, CHE 331, CHE 400, CHE 404, CHE 410, CHE 411, CHE 411L, CHE 423, CHE 431, CHE 431L, CHE 462, CHE 462L
- 10 SELECT 3 HOURS FROM COURSES CHE 492, CHE 494 OR CHE 496 (RESEARCH OR INTERNSHIP)
- 11 BSC 110, BSC 110L
- 12 BSC 111, BSC 111L
- 13 BSC 370
- 14 BSC 380, BSC 380L
- 15 BSC 486, BSC 486L
- 16 SELECT 4 HOURS COURSE LEVEL 300 OR 400 FROM DEPT OF BSC.

07. OTHER REQUIRED COURSES (8-10 HRS)
- 01 PHY 201/201L OR PHY 111/111L
- 02 PHY 202/202L OR PHY 112/112L

09. MINOR AREA OF STUDY (OPTIONAL)

11. ELECTIVES (6-9 HRS)
- 01 SELECT SUFFICIENT ELECTIVE COURSES FROM ANY DEPARTMENT SO THAT TOTAL HOURS ARE EQUAL TO 128 OR MORE, WITH AT LEAST 45 HOURS AT THE 300 LEVEL OR HIGHER.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

BIOCHEMISTRY (ACS-CERTIFIED)

PACE Degree Plan (SA3)

01. REASONING/COMMUNICATION SKILLS (25 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 ENG 333
- 04 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330
- 05 CSS 240 OR CSS 330
- 06 SELECT 1 GROUP FROM: (MAT 167, MAT 168 OR MAT 169) OR (MAT 178 AND MAT 179)

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 SELECT 1 COURSE FROM EACH OF 2 GROUPS BELOW:
  - GRP 1: ANT 101 OR ANT 221
  - GRP 2: ECO 201 OR ECO 255
  - GRP 3: GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
  - GRP 4: PS 101 OR PS 220 OR PS 331 OR PS 425
  - GRP 5: PSY 110 OR PSY 375
  - GRP 6: SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (SEE MAJOR/EMPHASIS REQUIREMENTS)

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167, HPR 105

06. MAJOR/EMPHASIS REQUIREMENTS (68 HRS)
- 01 CHE 106, CHE 106L
- 02 CHE 107, CHE 107L
- 03 CHE 255, CHE 255L
- 04 CHE 256, CHE 256L
- 05 CHE 311, CHE 311L
- 06 CHE 411, CHE 411L
- 07 CHE 410
- 08 CHE 421, CHE 421L
- 09 CHE 422, CHE 422L
- 10 CHE 423
- 11 CHE 431, CHE 431L
- 12 CHE 461, CHE 461L
- 13 CHE 462, CHE 462L
- 14 SELECT 3 HOURS FROM COURSES CHE 494 OR CHE 496 (INTERNSHIP OR RESEARCH)
- 15 BSC 110, BSC 110L
- 16 BSC 111, BSC 111L
- 17 BSC 370
- 18 BSC 380, BSC 380L
- 19 BSC 486

07. OTHER REQUIRED COURSES (10 HRS)
- 01 PHY 201, PHY 201L
- 02 PHY 202, PHY 202L

09. MINOR AREA OF STUDY (OPTIONAL)

11. ELECTIVES
- 01 SELECT SUFFICIENT ELECTIVE COURSES FROM ANY DEPARTMENT SO THAT TOTAL HOURS ARE EQUAL TO 128 OR MORE, WITH AT LEAST 45 HOURS AT THE 300 LEVEL OR HIGHER.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

CHEMISTRY

PACE Degree Plan (SA0)

01. REASONING/COMMUNICATION SKILLS (25 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 ENG 333
- 04 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330
- 05 CSS 240 OR CSS 330
- 06 SELECT 1 GROUP FROM: MAT 167, MAT 168, MAT 169 OR MAT 178, MAT 179

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 SELECT 1 COURSE FROM EACH OF 2 GROUPS BELOW:
  - GRP 1: ANT 101 OR ANT 221
  - GRP 2: ECO 201
  - GRP 3: GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
  - GRP 4: PS 101 OR PS 220 OR PS 331 OR PS 425
  - GRP 5: PSY 110 OR PSY 375
  - GRP 6: SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (SEE MAJOR/EMPHASIS REQUIREMENTS)

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. MAJOR/EMPHASIS REQUIREMENTS (45 HRS)
- 01 CHE 106, CHE 106L
- 02 CHE 107, CHE 107L
- 03 CHE 255, CHE 255L
- 04 CHE 256, CHE 256L
- 05 CHE 311, CHE 311L
- 06 CHE 400
- 07 CHE 411, CHE 411L
- 08 CHE 421
- 09 CHE 461, CHE 461L
- 10 CHE 462, CHE 462L
- 11 SELECT 3 HOURS FROM COURSES TOX 470, CHE 331, CHE 404, CHE 410, CHE 421L, CHE 422, CHE 422L, CHE 423, CHE 431, CHE 431L
- 12 SELECT 3 HOURS FROM COURSES CHE 492, CHE 494 OR CHE 496 (RESEARCH OR INTERNSHIP)

07. OTHER REQUIRED COURSES (8-10 HRS)
- 01 PHY 201/201L OR PHY 111/111L
- 02 PHY 202/202L OR PHY 112/112L

09. MINOR AREA OF STUDY (OPTIONAL)

11. ELECTIVES (28-30 HRS)
- 01 SELECT SUFFICIENT ELECTIVE COURSES FROM ANY DEPARTMENT SO THAT TOTAL HOURS ARE EQUAL TO 128 OR MORE, WITH AT LEAST 45 HOURS AT THE 300 LEVEL OR HIGHER.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

CHEMISTRY (LICENSURE)

PACE Degree Plan (SA0A)

01. REASONING/COMMUNICATION SKILLS (24-25 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 ENG 333 OR ENG 332
- 04 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330
- 05 CSS 240 OR CSS 330
- 06 SELECT 1 GROUP FROM: MAT 167, MAT 168, MAT 169 OR MAT 178, MAT 179

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 PSY 110
- 02 SELECT 1 COURSE FROM:
  - GRP 1: ANT 101 OR ANT 221
  - GRP 2: ECO 201
  - GRP 3: GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
  - GRP 4: PS 101 OR PS 220 OR PS 331 OR PS 425
  - GRP 5: SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (SEE MAJOR/EMPHASIS REQUIREMENTS)

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. MAJOR/EMPHASIS REQUIREMENTS (36-37 HRS)
- 01 CHE 106, CHE 106L
- 02 CHE 107, CHE 107L
- 03 CHE 331
- 04 CHE 255, CHE 255L
- 05 CHE 256, CHE 256L
- 06 CHE 311, CHE 311L
- 07 CHE 421/421L OR CHE 420/420L
- 08 CHE 461, CHE 461L
- 09 CHE 471, CHE 471L

07. OTHER REQUIRED COURSES (24-26 HRS)
- 01 BSC 110, BSC 110L
- 02 BSC 111, BSC 111L
- 03 GLY 101, GLY 101L
- 04 GLY 103, GLY 103L
- 05 PHY 201/201L OR PHY 111/111L
- 06 PHY 202/202L OR PHY 112/112L

09. MINOR AREA OF STUDY (OPTIONAL)

10. TEACHER EDUCATION REQUIREMENTS (32 HRS)
- 01 PSY 374, REF 400, REF 469, SPE 400
- 02 CIS 313
- 03 SCE 460
- 04 SCE 489, SCE 490 (STUDENT TEACHING)

Minimum of 136 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

COMPUTER SCIENCE

PACE Degree Plan (SC0)

01. REASONING AND COMMUNICATION SKILLS (19 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330
- 04 SELECT 1 GROUP FROM: MAT 167, MAT 168, MAT 169 OR MAT 178, MAT 179

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 SELECT 1 COURSE FROM EACH OF 2 GROUPS BELOW:
  GRP 1: ANT 101 OR ANT 221
  GRP 2: ECO 201
  GRP 3: GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
  GRP 4: PS 101 OR PS 220 OR PS 331 OR PS 425
  GRP 5: PSY 110 OR PSY 375
  GRP 6: SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (14-16 HRS)
- 01 ANY 2 COURSE SEQUENCE: BSC 110/110L AND BSC 111/111L OR CHE 106/106L AND CHE 107/107L OR GLY 101/101L AND GLY 103/103L OR PHY 111/111L AND PHY 112/112L OR PHY 201/201L AND PHY 202/202L
- 02 SELECT 6 HOURS FROM: BSC 110/L, BSC 111/L, CHE 106/L, CHE 107/L, CHE 251/L, GLY 101/L, GLY 103/L, PHY 111/L, PHY 112/L, PHY 201/L, PHY 202/L, PSC 191, PSC 291, PSC 330

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. MAJOR/EMPHASIS REQUIREMENTS (62 HRS)
- 01 CSC 101, CSC 101L
- 02 CSC 102
- 03 CSC 203, CSC 203L
- 04 CSC 204, CSC 204L
- 05 CSC 306, CSC 306L
- 06 CSC 307
- 07 CSC 309
- 08 CSC 317
- 09 CSC 408
- 10 CSC 414, CSC 414L
- 11 CSC 413 OR CSC 415
- 12 SELECT 6 HOURS FROM COURSES CSC 410, CSC 411, CSC 412, CSC 413, CSC 415
- 13 SELECT 3 HOURS FROM COURSES MAT 280, 316-385, 415-442, 460-475, 485, CSC 320, CSC 422, PHY 327-465 EXCEPT COURSES MAT 320 AND MAT 340
- 14 SELECT 9 HOURS FROM AMONG: CSS 240, 331, 342, 343, 360, 405, 416-486, CSC 305, 320, 410-444, MAT 280, 316, 326-385, 405-442, 460-475, 485, PHY 327-465 (NO MORE THAN 1 COURSE FROM CSS 240, 342, OR 343)
- 15 CSS 415 OR MAT 320
- 16 MAT 340 OR CSC 300

(NO COURSE MAY BE USED IN MORE THAN ONE CATEGORY)

07. CHECKLIST OF CSC COURSES
- 01 A MINIMUM OF 42 HOURS OF CSC COURSES, EXCLUDING CSC 100, 300, 320, 422, 435, 485, 486

09. MINOR AREA OF STUDY (OPTIONAL)

11. ELECTIVES (11-13 HRS)
- 01 SELECT SUFFICIENT ELECTIVE COURSES FROM ANY DEPARTMENT SO THAT TOTAL HOURS ARE EQUAL TO 128 OR MORE, WITH AT LEAST 45 HOURS AT THE 300 LEVEL OF HIGHER

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

COMPUTER SCIENCE (LICENSURE)

PACE Degree Plan (SC0A)

01. REASONING AND COMMUNICATION SKILLS (19 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330
- 04 SELECT 1 GROUP FROM: MAT 167, MAT 168, MAT 169 OR MAT 178, MAT 179

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 PSY 110
- 02 SELECT 1 COURSE FROM AMONG:
  GRP 1: ANT 101 OR ANT 221
  GRP 2: ECO 201
  GRP 3: GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
  GRP 4: PS 101 OR PS 220 OR PS 331 OR PS 425
  GRP 5: SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (14-16 HRS)
- 01 ANY 2 COURSE SEQUENCE: BSC 110/110L AND BSC 111/111L OR CHE 106/ 106L AND CHE 107/107L OR GLY 101/101L AND GLY 103/103L OR PHY 111/111L AND PHY 112/112L OR PHY 201/ 201L AND PHY 202, PHY 202L
- 02 SELECT 6 HOURS FROM: BSC 110/L, BSC 111/L, CHE 106/L, CHE 107/L, CHE 251/L, GLY 101/L, GLY 103/L, PHY 111/L, PHY 112/L, PHY 201/L, PHY 202/L, PSC 191, PSC 291, PSC 330

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. MAJOR/EMPHASIS REQUIREMENTS (62 HRS)
- 01 CSC 101, CSC 101L
- 02 CSC 102
- 03 CSC 203, CSC 203L
- 04 CSC 204, CSC 204L
- 05 CSC 306, CSC 306L
- 06 CSC 307
- 07 CSC 309
- 08 CSC 317
- 09 CSC 408
- 10 CSC 414, CSC 414L
- 11 CSC 413 OR CSC 415
- 12 SELECT 6 HOURS FROM COURSES CSC 410, CSC 411, CSC 412, CSC 413, CSC 415
- 13 SELECT 3 HOURS FROM AMONG: MAT 280, 316-385, 415-442, 460-475, 485, CSC 320, CSC 422, PHY 327-465 EXCEPT COURSES MAT 320 AND MAT 340
- 14 SELECT 6 HOURS FROM AMONG: CSS 240, 331 342, 343, 360, 405, 416-486, CSC 305, 320, 410-444, MAT 280, 316, 326-385, 405-442, 460-475, 485, PHY 327-465 (NO MORE THAN 1 COURSE FROM CSS 240, 342, OR 343)
- 14 CSS 415 OR MAT 320
- 15 MAT 340 OR CSC 300
- 16 TOE 465

(NO COURSE MAY BE USED IN MORE THAN ONE CATEGORY)

07. CHECKLIST OF CSC COURSES
- 01 A MINIMUM OF 42 HOURS OF CSC COURSES, EXCLUDING CSC 100, 300, 320, 422, 435, 485, 486

09. MINOR AREA OF STUDY (OPTIONAL)

10. TEACHER EDUCATION REQUIREMENTS (34 HRS)
- 01 PSY 374, REF 400, REF 469, SPE 400
- 02 CIS 313
- 03 CSS 220, CSS 400, CSS 400L
- 04 CSS 498, CSS 499 (STUDENT TEACHING)

Minimum of 146 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

STATISTICS

PACE Degree Plan (SC3)

01. REASONING AND COMMUNICATION SKILLS (9 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 SELECT 1 COURSE FROM EACH OF 2 GROUPS BELOW:
  GRP 1: ANT 101 OR ANT 221
  GRP 2: ECO 201
  GRP 3: GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
  GRP 4: PS 101 OR PS 220 OR PS 331 OR PS 425
  GRP 5: PSY 110 OR PSY 375
  GRP 6: SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (14-16 HRS)
- 01 ANY 2 GROUPS: AST 111, AST 111L OR AST 112, AST 112L OR BSC 103, BSC 103L OR BSC 110, BSC 110L OR BSC 111, BSC 111L OR CHE 104, CHE 104L OR CHE 106, CHE 106L OR CHE 107, CHE 107L OR GLY 101, GLY 101L OR GLY 103, GLY 103L OR GLY 151, GLY 151L OR MAR 151, MAR 151L OR PHY 111, PHY 111L OR PHY 112, PHY 112L OR PHY 201, PHY 201L OR PHY 202, PHY 202L
- 02 SELECT 6 HOURS FROM DEPTS OF AST, BSC, CHE, ESC, GLY, MAR OR PHY

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. MAJOR/EMPHASIS REQUIREMENTS (45 HRS)
- 01 CSC 100
- 02 CSS 240
- 03 CSC 320
- 04 CSS 330 OR CSC 101/101L
- 05 CSS 340 OR CSC 102
- 06 CSS 350 OR CSC 307
- 07 CSS 415
- 08 CSS 416
- 09 CSS 417
- 10 CSS 418
- 11 CSC 422
- 12 CSC 425
- 13 CSC 435
- 14 IET 302
- 15 CSS 343

09. MATHEMATICS MINOR (19 HRS)
- 01 SELECT 1 GROUP FROM: MAT 167, MAT 168, MAT 169 OR MAT 178, MAT 179
- 02 MAT 320
- 03 MAT 326 OR MAT 316
- 04 MAT 340 OR CSC 300

11. ELECTIVES (21 HRS)
- 01 SELECT SUFFICIENT ELECTIVE COURSES FROM ANY DEPARTMENT SO THAT TOTAL HOURS ARE EQUAL TO 128 OR MORE, WITH AT LEAST 45 HOURS AT THE 300 LEVEL OR HIGHER.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

GEOLOGY

PACE Degree Plan (SD0)

01. REASONING/COMMUNICATION SKILLS (20-22 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330
- 04 CSS 240 OR CSS 330
- 05 SELECT 1 GROUP FROM: MAT 167, MAT 168, MAT 169 OR MAT 167, MAT 168, CSS 211 OR MAT 178, MAT 179 OR MAT 178, CSS 211

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 SELECT 1 COURSE FROM EACH OF 2 GROUPS BELOW:
  - GRP 1: ANT 101 OR ANT 221
  - GRP 2: ECO 201
  - GRP 3: GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
  - GRP 4: PS 101 OR PS 220 OR PS 331 OR PS 425
  - GRP 5: PSY 110 OR PSY 375
  - GRP 6: SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (SEE MAJOR/EMPHASIS REQUIREMENTS)

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. MAJOR/EMPHASIS REQUIREMENTS (47 HRS)
- 01 GLY 101, GLY 101L
- 02 GLY 103, GLY 103L
- 03 GLY 301, GLY 301L
- 04 GLY 304, GLY 304L
- 05 GLY 308, GLY 308L
- 06 GLY 311
- 07 GLY 341, GLY 341L
- 08 GLY 380
- 09 GLY 401
- 10 SELECT 12 HRS COURSE LEVEL 400 FROM DEPT OF GLY EXCEPT COURSES GLY 406, GLY 406L, GLY 491, AND GLY 492

07. OTHER REQUIRED COURSES (20-22 HRS)
- 01 CHE 106, CHE 106L
- 02 CHE 107, CHE 107L
- 03 BSC 110, BSC 110L
- 04 PHY 111/111L OR PHY 201/201L
- 05 PHY 112/112L OR PHY 202/202L

09. MINOR AREA OF STUDY (OPTIONAL)

11. ELECTIVES (17-19 HRS)
- 01 SELECT SUFFICIENT ELECTIVE COURSES FROM ANY DEPARTMENT SO THAT TOTAL HOURS ARE EQUAL TO 128 OR MORE, WITH AT LEAST 45 HOURS AT THE 300 LEVEL OR HIGHER.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

GEOLOGY (GENERAL SCIENCE LICENSURE)

PACE Degree Plan (SD0A)

01. REASONING/COMMUNICATION SKILLS (23-25 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 ENG 333 OR ENG 332
- 04 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330
- 05 CSS 240 OR CSS 330
- 07 SELECT 1 GROUP FROM: MAT 167, MAT 168, MAT 169 OR MAT 167, MAT 168, CSS 211 OR MAT 178, MAT 179 OR MAT 178, CSS 211

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 PSY 110
- 02 SELECT 1 COURSE FROM:
  - GRP 1: ANT 101 OR ANT 221
  - GRP 2: ECO 201
  - GRP 3: GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
  - GRP 4: PS 101 OR PS 220 OR PS 331 OR PS 425
  - GRP 5: SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES
- 01 (SEE MAJOR/EMPHASIS REQUIREMENTS)

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. MAJOR/EMPHASIS REQUIREMENTS (38 HRS)
- 01 GLY 101, GLY 101L
- 02 GLY 103, GLY 103L
- 03 GLY 301, GLY 301L
- 04 GLY 304, GLY 304L
- 05 GLY 308, GLY 308L
- 06 GLY 306
- 07 GLY 341, GLY 341L
- 08 GLY 380
- 09 GLY 401
- 10 SELECT 6 HRS COURSE LEVEL 400 FROM DEPT OF GLY EXCEPT COURSES GLY 406, GLY 406L, AND GLY 492

07. OTHER REQUIRED COURSES (24-26 HRS)
- 01 CHE 106, CHE 106L
- 02 CHE 107, CHE 107L
- 03 BSC 110, BSC 110L
- 04 BSC 111, BSC 111L
- 05 PHY 111/111L OR PHY 201/201L
- 06 PHY 112/112L OR PHY 202/202L

09. MINOR AREA OF STUDY (OPTIONAL)

10. TEACHER EDUCATION REQUIREMENTS (32 HRS)
- 01 PSY 374, REF 400, REF 469, SPE 400
- 02 CSC 313
- 03 SCE 460
- 04 SCE 489, SCE 490 (STUDENT TEACHING)

Minimum of 137 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

MATHEMATICS

PACE Degree Plan (SE0)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 ENG 333
- 04 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 SELECT 1 COURSE FROM EACH OF 2 GROUPS BELOW:
  GRP 1: ANT 101 OR ANT 221
  GRP 2: ECO 201
  GRP 3: GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
  GRP 4: PS 101 OR PS 220 OR PS 331 OR PS 425
  GRP 5: PSY 110 OR PSY 375
  GRP 6: SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (15-16 HRS)
- 01 PHY 201, PHY 201L
- 02 ANY 1 GROUP: AST 111, AST 111L OR AST 112, AST 112L OR BSC 103, BSC 103L OR BSC 110, BSC 110L OR BSC 111, BSC 111L OR CHE 104, CHE 104L OR CHE 106, CHE 106L OR CHE 107, CHE 107L OR GLY 101, GLY 101L OR GLY 103, GLY 103L OR GLY 151, GLY 151L OR MAR 151, MAR 151L OR PHY 202, PHY 202L
- 03 SELECT 6 HOURS FROM DEPTS OF AST, BSC, CHE, ESC, GLY, MAR OR PHY

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. MAJOR/EMPHASIS REQUIREMENTS (37 HRS)
- 01 SELECT 1 GROUP FROM: MAT 167, MAT 168 AND MAT 169 OR MAT 178 AND MAT 179
- 02 MAT 280
- 03 MAT 340
- 04 MAT 326
- 05 MAT 285
- 06 SELECT 15 HOURS FROM DEPT OF MAT EXCEPT CRS MAT 090 - MAT 316, MAT 326 - MAT 410, MAT 430, MAT 431, MAT 481, MAT 457, MAT 457L. (THESE COURSES MUST INCLUDE MAT 415 OR 417 OR 426 OR ONE OF THE SEQUENCES 320-420, 418-419, 423-424, 441-442 OR 460-461.)

07. OTHER REQUIRED COURSES (6-8 HRS)
- 01 CSC 101, CSC 101L, CSC 102, CSC 102L, CSS 240, CSS 330, CSS 331, CSS 333, CSS 334, CSS 340, CSS 342, CSS 402.
- 02 MAT 305

09. MINOR AREA OF STUDY (18 HRS)

11. ELECTIVES (17-20 HRS)
- 01 SELECT SUFFICIENT ELECTIVE COURSES FROM ANY DEPARTMENT SO THAT TOTAL HOURS ARE EQUAL TO 128 OR MORE, WITH AT LEAST 45 HOURS AT THE 300 LEVEL OR HIGHER.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

MATHEMATICS (LICENSURE)

PACE Degree Plan (SE0A)

01. REASONING/COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 ENG 333
- 04 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 PSY 110
- 02 SELECT 1 COURSE FROM: ANT 101 OR ANT 212 OR ANT 221, ECO 201, GHY 101 OR GHY 102 OR GHY 331, PS 101 OR PS 220 OR PS 331 OR PS 425, SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (15 HRS)
- 01 PHY 201, PHY 201L
- 02 BSC 103, BSC 103L OR BSC 110, BSC 110L
- 03 SELECT 6 HOURS FROM DEPTS OF AST, BSC, CHE, ESC, GLY, MAR OR PHY

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. MAJOR/EMPHASIS AREA REQUIREMENTS (40 HRS)
- 01 SELECT 1 GROUP FROM: MAT 167, MAT 168 AND MAT 169 OR MAT 178 AND MAT 179
- 02 MAT 280
- 03 MAT 340
- 04 MAT 316 OR MAT 326
- 05 MAT 320
- 06 MAT 370
- 07 MAT 385
- 08 MAT 420
- 09 MAT 423
- 10 MAT 481
- 11 SELECT 3 HOURS FROM DEPT OF MAT EXCEPT CRS MAT 090 - MAT 316, MAT 326 - MAT 410, MAT 430- MAT 431, MAT 457, MAT 457L, MAT 481, MAT 489, MAT 490.

07. OTHER REQUIRED COURSES (4-5 HRS)
- 01 SELECT 3-4 HOURS FROM COURSES CSC 101, CSC 101L, CSC 102, CSC 102L, CSS 240, CSS 330, CSS 331, CSS 333, CSS 334, CSS 340, CSS 342, CSS 402.
- 02 MAT 220

09. MINOR AREA OF STUDY (OPTIONAL)

10. TEACHER EDUCATION REQUIREMENTS (33 HRS)
- 01 PSY 374, REF 400, REF 469, SPE 400
- 02 CIS 313
- 03 MAT 457, MAT 457L
- 04 MAT 489, MAT 490 (STUDENT TEACHING)

11. ELECTIVES (2-4 HRS)
- 01 SELECT SUFFICIENT ELECTIVE COURSES FROM ANY DEPARTMENT SO THAT TOTAL HOURS ARE EQUAL TO 128 OR MORE, WITH AT LEAST 45 HOURS AT THE 300 LEVEL OR HIGHER.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

MEDICAL TECHNOLOGY

PACE Degree Plan (SF0)

01. REASONING/COMMUNICATION SKILLS (18 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330
- 04 SELECT 6 HOURS FROM COURSES: MAT 101, MAT 102, MAT 167, MAT 168, MAT 169, MAT 178, MAT 179 OR MAT 314
- 05 CSS 240 OR CSS 330 OR CSS 400

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 SELECT 1 COURSE FROM EACH OF 2 GROUPS BELOW:
  - GRP 1: ANT 101 OR ANT 221
  - GRP 2: ECO 201
  - GRP 3: GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
  - GRP 4: PS 101 OR PS 220 OR PS 331 OR PS 425
  - GRP 5: PSY 110 OR PSY 375
  - GRP 6: SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (SEE MAJOR/EMPHASIS REQUIREMENTS)

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. MAJOR/EMPHASIS REQUIREMENTS (101 HRS)
- 01 BSC 110, BSC 110L
- 02 BSC 370
- 03 BSC 380, BSC 380L
- 04 BSC 486
- 05 CHE 106, CHE 106L
- 06 CHE 107, CHE 107L
- 07 COMPLETE 1 GROUP: CHE 251, CHE 251L OR CHE 255, CHE 255L
- 08 CHE 420, CHE 420L
- 09 MTC 101
- 10 MTC 300, MTC 300L
- 11 MTC 302, MTC 302L
- 12 MTC 306, MTC 306L
- 13 MTC 309, MTC 309L
- 14 MTC 401, MTC 401L
- 15 MTC 402, MTC 402L
- 16 MTC 403, MTC 403L
- 17 MTC 405, MTC 405L
- 18 MTC 406, MTC 406L
- 19 MTC 407, MTC 407L
- 20 MTC 408, MTC 408L
- 21 MTC 409, MTC 409L
- 22 MTC 410, MTC 410L
- 23 MTC 411, MTC 411L
- 24 MTC 412
- 25 MTC 451
- 26 MTC 452
- 27 MTC 456
- 28 MTC 457
- 29 MTC 458
- 30 MTC 459

07. OTHER REQUIRED COURSES (3 HRS)
- 01 CSS 211 OR PSY 360 (STATISTICS)

09. MINOR AREA OF STUDY (OPTIONAL)

Minimum of 142 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

PHYSICS

PACE Degree Plan (SG0)

01. REASONING AND COMMUNICATION SKILLS (12 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330
- 04 CSS 240

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 SELECT 1 COURSE FROM EACH OF 2 GROUPS BELOW:
  - GRP 1: ANT 101 OR ANT 221
  - GRP 2: ECO 201
  - GRP 3: GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
  - GRP 4: PS 101 OR PS 220 OR PS 331 OR PS 425
  - GRP 5: PSY 110 OR PSY 375
  - GRP 6: SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES (8 HRS)
- 01 CHE 106, CHE 106L
- 02 CHE 107, CHE 107L

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. MAJOR/EMPHASIS REQUIREMENTS (45 HRS)
- 01 PHY 201, PHY 201L
- 02 PHY 202, PHY 202L
- 03 PHY 327, PHY 327L
- 04 PHY 332
- 05 PHY 350, PHY 351
- 06 PHY 361, PHY 361L
- 07 PHY 421, PHY 422
- 08 PHY 460
- 09 PHY 461
- 10 COMPLETE 3 HOURS PHY 499 (RESEARCH)

09. MATHEMATICS (25 HRS)
- 01 SELECT 1 GROUP FROM: MAT 167, MAT 168 AND MAT 169 OR MAT 178 AND MAT 179
- 02 MAT 280
- 03 MAT 285
- 04 MAT 415
- 05 MAT 430 AND 431 OR MAT 417 AND 436

11. ELECTIVES (15 HRS)
- 01 SELECT SUFFICIENT ELECTIVE COURSES FROM ANY DEPARTMENT SO THAT TOTAL HOURS ARE EQUAL TO 128 OR MORE, WITH AT LEAST 45 HOURS AT THE 300 LEVEL OR HIGHER.

Minimum of 128 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

PHYSICS (LICENSURE)

PACE Degree Plan (SG0A)

01. REASONING AND COMMUNICATION SKILLS (25 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 ENG 333 OR ENG 332
- 04 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330
- 05 CSS 240
- 06 SELECT ONE GROUP FROM: MAT 167, MAT 168, MAT 169 OR MAT 178, MAT 179

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 PSY 110
- 02 SELECT 1 COURSE FROM: ANT 101 OR ANT 221 OR ECO 201 OR GHY 101 OR GHY 102 OR GHY 331 OR GHY 341 OR PS 101 OR PS 220 OR PS 331 OR PS 425 OR SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES
(SEE MAJOR/EMPHASIS REQUIREMENTS)

05. HUMAN WELLNESS (2 HRS)
- 01 NFS 167
- 02 HPR 105

06. MAJOR/EMPHASIS REQUIREMENTS (33 HRS)
- 01 PHY 201, PHY 201L
- 02 PHY 202, PHY 202L
- 03 PHY 327, PHY 327L
- 04 PHY 341, PHY 341L
- 05 PHY 361, PHY 361L
- 06 PHY 423
- 07 PHY 460
- 08 PHY 499

07. OTHER REQUIRED COURSES (31 HRS)
- 01 BSC 110, BSC 110L
- 02 BSC 111, BSC 111L
- 03 GLY 101, GLY 101L
- 04 AST 111, AST 111L
- 05 AST 112, AST 112L
- 06 CSS 400
- 07 CHE 106, CHE 106L
- 08 CHE 107, CHE 107L

10. TEACHER EDUCATION REQUIREMENTS (32 HRS)
- 01 PSY 374, REF 400, RED 469, SPE 400
- 02 CIS 313
- 03 SCE 460
- 04 SCE 489, SCE 490 (STUDENT TEACHING)

Minimum of 141 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

POLYMER SCIENCE

PACE Degree Plan (S10)

01. REASONING/COMMUNICATION SKILLS (22 HRS)
- 01 ENG 101
- 02 ENG 102
- 03 SCM 111 OR SCM 305 OR SCM 320 OR SCM 330
- 04 CSS 240 OR CSS 330
- 05 SELECT 1 GROUP FROM: MAT 167, MAT 168, MAT 169 OR MAT 178, MAT 179

02. HUMANITIES AND FINE ARTS (12 HRS)
- 01 HIS 101
- 02 HIS 102
- 03 ENG 203
- 04 AA 100 OR ART 130 OR DAN 107 OR MUS 365 OR THE 100

03. SOCIAL AND BEHAVIORAL SCIENCES (6 HRS)
- 01 SELECT 1 COURSE FROM EACH OF 2 GROUPS BELOW:
  - GRP 1: ANT 101 OR ANT 221
  - GRP 2: GHY 101 OR GHY 102 OR GHY 331 OR GHY 341
  - GRP 3: PS 101 OR PS 220 OR PS 331 OR PS 425
  - GRP 4: PSY 110 OR PSY 375
  - GRP 5: SOC 101 OR SOC 240 OR SOC 314

04. NATURAL AND APPLIED SCIENCES
(SEE MAJOR/EMPHASIS REQUIREMENTS)

05. HUMAN WELLNESS (2 HRS)
- 01 HPR 105
- 02 NFS 167

06. MAJOR/EMPHASIS REQUIREMENTS (53 HRS)
- 01 PSC 191 (FRESHMAN REQUIREMENT)
- 02 PSC 291 (SOPHOMORE REQUIREMENT)
- 03 PSC 285
- 04 PSC 301
- 05 PSC 302
- 06 PSC 341L
- 07 PSC 342L
- 08 PSC 360
- 09 PSC 361, PSC 361L
- 10 PSC 401
- 11 PSC 402
- 12 PSC 410
- 13 PSC 450
- 14 PSC 470, PSC 470L
- 15 PSC 480
- 16 PSC 490, PSC 490L
- 17 PSC 491, PSC 491L

07. OTHER REQUIRED COURSES (30 HRS)
- 01 CHE 106, CHE 106L
- 02 CHE 107, CHE 107L
- 03 CHE 255, CHE 255L
- 04 CHE 256, CHE 256L
- 05 PHY 201, PHY 201L
- 06 PHY 202, PHY 202L
- 07 ENT 390

09. MINOR AREA OF STUDY (OPTIONAL)

11. ELECTIVES (6 HRS)
- 01 SELECT SUFFICIENT HOURS OF TECHNICAL ELECTIVES SO THAT TOTAL HOURS ARE EQUAL TO 130 OR MORE, WITH AT LEAST 45 HOURS AT THE 300 LEVEL OR HIGHER. CHOICE OF THESE TECHNICAL ELECTIVES MUST BE APPROVED BY THE DEPT CHAIR.

Minimum of 130 Hours in Program

A Minimum of 64 hrs required from 4-yr college, 45 hrs 300 or 400 level courses, last 32 hrs from USM

Institute of Marine Sciences

Darrell Jay Grimes, Dean
P.O. Box 5128
Ocean Springs, MS 39566-5128
(228) 872-4200

The Institute of Marine Sciences offers multidisciplinary graduate-level, research-oriented academic degree programs. Institute faculty are located on both the Mississippi Gulf Coast and in Hattiesburg. Gulf Coast locations include the John C. Stennis Space Center, near Bay St. Louis, MS, the J. L. Scott Marine Education Center and Aquarium in Biloxi, and the Gulf Coast Research Laboratory in Ocean Springs. The Institute offers Master of Science and Doctor of Philosophy degrees in Marine Science (through Marine Science), Master of Science and Doctor of Philosophy degrees in Coastal Sciences (through Coastal Sciences), and a Bachelor of Science in Marine Biology through the Department of Biological Sciences. Marine Science graduate emphasis areas are Biological Marine Science, Physical Marine Science, Geological Marine Science, and Chemical Marine Science.

Over 20 upper-level, undergraduate courses in Biological Sciences (BSC), Coastal Sciences (COA), Marine Science (MAR), and Science Education (SCE) are offered at the Gulf Coast Research Laboratory, mainly during the summer. Marine Science (MAR) graduate courses in biological, geological and physical oceanography, and marine chemistry are offered at the Stennis Space Center. MAR 151 (a general curriculum natural sciences elective) is offered on the Hattiesburg campus and at the Stennis Space Center. The Department of Coastal Sciences (COA) offers specialized courses at the graduate level focused on research in the areas of aquaculture, coastal and marine fisheries, coastal geology, invertebrate zoology and biology, coastal ecology, parasitology, estuarine chemistry, toxicology, botany, applied molecular techniques, science education, and biodiversity and systematics. The Institute also cooperates with the Departments of Geology, Physics and Astronomy, and Chemistry and Biochemistry to provide state-of-the-art research and educational opportunities.

Undergraduates interested in preparing for graduate study in Marine Science or Coastal Sciences should pursue a bachelor's degree program in their department of choice, developing a strong background in biology, chemistry, geology, physics, and mathematics through calculus. Students interested in the Marine Biology degree in the Department of Biological Sciences should review that section of the catalog.

IMS Campuses

Gulf Coast Research Laboratory

The Gulf Coast Research Laboratory (GCRL), located in Ocean Springs, has offered summer courses in the marine sciences since 1947. GCRL has a three-fold mission of research, education, and service in the marine sciences. Scientific discipline areas encompass biology, chemistry, and geology of coastal and continental shelf waters. Over 160 researchers, technical and support personnel, and students work on this campus; research emphasis areas include aquatic animal health, marine aquaculture, aquatic biodiversity, coastal ecology, fate and effects of environmental pollutants, and fisheries science.

J. L. Scott Marine Education Center and Aquarium

The state's window on the sea, the J. L. Scott Marine Education Center and Aquarium (Scott Aquarium) is Mississippi's largest public aquarium. This facility, located in Biloxi, features 48 aquariums and a central 42,000-gallon Gulf of Mexico tank. Science education and a suite of hands-on marine education programs have earned the Scott Aquarium an international, award-winning reputation.

Stennis Space Center

The John C. Stennis Space Center (SSC) is home to more oceanographers that any other location in the world. Students and faculty have the opportunity to interact with more than 1,000 scientists,

engineers, and technical personnel who work at this site located near Bay St. Louis, MS. Collaborations are possible with personnel at the Naval Research Laboratory, the Naval Oceanographic Office, the Naval Meteorology and Oceanography Command, the National Oceanic and Atmospheric Administration's National Data Buoy Center, the National Marine Fisheries Service, the US Environmental Protection Agency's Gulf of Mexico Program, the U.S. Geological Survey, the National Aeronautics and Space Administration laboratories, and other agencies.

Summer Academic Program at GCRL

Cynthia A. Moncreiff, Summer Program Coordinator
Institute of Marine Sciences
Gulf Coast Research Laboratory
P.O. Box 7000
Ocean Springs, MS 39566-7000
(228) 872-4201

The Institute of Marine Sciences (IMS) offers a selection of accelerated, field-oriented, graduate and undergraduate courses during the summer at its Ocean Springs campus, the Gulf Coast Research Laboratory (GCRL). Summer courses at GCRL are listed in this Bulletin under the three primary departments involved in the program: Coastal Sciences (COA), Biological Sciences (BSC), and Marine Science (MAR). Where appropriate, courses are also cross-listed by Geology, Chemistry, and Science Education. Summer courses are available for graduate or undergraduate credit. Graduate students may also conduct thesis, dissertation, and directed research at GCRL.

Admission to the Summer Academic Program

Due to space limitations for the field-oriented courses, students may need to apply directly to IMS–GCRL for admission to the accelerated summer courses. Courses may fill during registration through the S.T.A.R.S. system. Contact the Summer Program Coordinator, Institute of Marine Sciences, Gulf Coast Research Laboratory, P.O. Box 7000, Ocean Springs, MS 39566-7000 for application materials. The Gulf Coast Research Laboratory is affiliated with 65 colleges and universities whose students participate in the summer academic program. Admission and registration for the IMS/GCRL Summer Academic Program begin once registration through S.T.A.R.S. has closed. Early application to the summer program through S.T.A.R.S. is prudent, because most courses fill quickly.

Course Loads

The Summer Academic Program courses are offered during two 5-week terms. Because courses are taught at an accelerated pace, i.e., an entire semester of lecture and laboratory are taught in five weeks, a student is allowed to enroll in only one course each term. Students are able to earn up to twelve (12) semester hours credit during the summer. Classes meet each weekday with particular times scheduled for field trips, classroom instruction, and laboratory work.

Housing

Limited summer housing is available on the IMS–GCRL campus in an air-conditioned dormitory. During the summer sessions, the dining hall serves three meals daily to dormitory residents.

Fees

Deposit:	$50.00
Undergraduate:	$105.00 per semester hour
Graduate:	$137.00 per semester hour
Room and board:	$94.00 per week

(Fees are subject to change without prior notice.)

Students pay fees directly to the GCRL. Students with loans arranged through USM should notify the GCRL Office of Student Services at the time of application for admission to the GCRL program. Additional fees may be assessed to cover fuel expenses for extended cruises.

Calendar

Application Deadline: .....March 30, 2001
First summer term begins: .....May 29, 2001
Second summer term begins: .....July 2, 2001

Undergraduate Research

The Gulf Coast Research Laboratory provides opportunities for USM undergraduate students to conduct research at the Laboratory through the Summer Academic Program. This individualized study consists of special topics and special problems courses that allow students to study in subject areas for which there are no formal course offerings. These courses are tailored to provide advanced students the opportunity to participate in field, laboratory, and/or library research with qualified faculty and staff members. The research problems must be marine related and be of a nature which prevents the work from being easily conducted on the USM campus. Departmental approval must be obtained before a student can enter this program. For further information contact: Office of Student Services, Gulf Coast Research Laboratory, P.O. Box 7000, Ocean Springs, MS 39566-7000; telephone (228) 872-4201.

Honors College

Maureen Ryan, Dean
Hattiesburg, MS 39406-5162
(601) 266-4533

Honors education was first organized at the University in 1965 as an Honors Program, and in 1971 was named in honor of George R. Olliphant. The Honors College, established in 1976, includes the George R. Olliphant Honors Program, providing students of superior academic ability with a broadly-based undergraduate education. Its aim is to identify, encourage, and reward academic excellence in all fields and to serve students with varying academic interests. In many respects, the education offered through the Honors College may best be described as that of a small liberal arts college set within a large comprehensive university, with students encouraged to draw freely from both the college and the university. Students in the Honors College have access to small Honors classes, outstanding professors, special scholarships, and opportunities for independent study and special activities.

The curriculum of the Honors College consists of two phases: the General Honors Program for freshmen and sophomores and the Senior Honors Program for juniors and seniors. To enter the College as freshmen, students compete with other applicants on the basis of high school grades, scores on the American College Test (or Scholastic Aptitude Test), detailed evaluations by two high school teachers and their principal or guidance counselor, and an essay. Students may also be asked to come to the campus for a personal interview. Successful completion of General Honors will be cited on the student's transcript and diploma. The Senior Honors Program is described below.

Following is a brief description of the Honors College requirements and curriculum. For more specific details, students and advisers are urged to consult the *Honors College Handbook*, which is issued annually and is available on the Web at www.honors.usm.edu.

General Honors

Freshmen admitted to General Honors complete the curriculum listed below. In satisfying the General Honors requirements, students thereby fulfill the University General Education requirements. For most students, completion of General Honors will also fulfill the core requirements of their majors. Some students, however, may have to take additional core courses required specifically for their major. Students undertaking General Honors are required to complete at least 26 hours in Honors courses and departmental Honors sections, taking six or more hours of Honors course work each semester. Students are in good standing as long as they remain on track and maintain a minimal 3.0 overall average; they must graduate with at least a 3.0 average in order to receive General Honors recognition at graduation.

Honors College General Education Requirements

		HOURS
I.	**Reasoning and Communication Skills**	
	ENG 101, 102	6
	Required: 6 hours in Honors sections.	
	Mathematics	3
	Required: 102, 167, 178, 312, or 314.	
	Communications	3
	Required: SCM 111, 305, 320 or 330, preferably in Honors sections as offered.	
	University Forum: Honors 321, 322	2-4
	Recommended: 4 hours. Required: 2 hours.	
II.	**Humanities and Fine Arts**	
	Fine Arts	3-6
	Recommended: 6 hours total in AA 100, ART 130, DAN 107, MUS 365, THE 100, or other upper level fine arts history or appreciation courses, preferably in Honors sections as offered. Required: 3 hours.	
	World Literature, History and Philosophy	12
	Required: 12 hours total in Honors 111, 112, 211, 212 (Honors Colloquium: World Thought and Culture). These courses replace HIS 101, 102; ENG 203; and PHI 151 or a Humanities/free elective.	
	Foreign Language	0-12
	Recommended: second-year proficiency. Required: either two years of a single language in high school with GPA of B or better or 6 hours university credit.	

III. Social and Behavioral Sciences

Recommended: 9 hours total, in Honors sections as offered, with no more than 3 hours from any one discipline, in ANT 101, 221; GHY 101, 102, 331, 341; PS 101, 220, 331, 425; SOC 101, 240, 314; ECO 200, 201; PSY 110, 375.
Required: 6 hours 6-9

IV. Natural and Applied Sciences

Laboratory Sciences 8
Required: 8 hours total. Recommended: Honors Biology 110/110L; 111/111L; Honors Chemistry 106/106L; 107/107L; or other Honors sections as offered.
See list of laboratory sciences in General Education Curriculum.

Elective. Required: 3 hours total, preferably in Honors sections as offered.
See Category IV electives (including mathematics) in General Education Curriculum 3

V. Human Wellness

Required:
Food and Nutrition, NFS 167, preferably in Honors sections 1
Health and Physical Fitness, HPR 105, preferably in Honors sections 1

Total 48-68

Note: The recommended core is 57-68 hours; the minimum core, however, is 48 hours, 26 of which must be taken in Honors courses and departmental Honors sections. Honors College students may also have to take additional core courses required specifically for their major.

Requirements for Graduation with General Honors

1. Completion of Honors College General Education minimum requirements.
2. Completion of a minimum of 26 of the General Education hours in Honors courses and departmental Honors sections.
3. Overall minimal GPA of 3.0 at graduation.

Typical Schedule for Meeting General Honors Requirements in the First Two Years

Freshman Year	Sem. Hrs.	Sophomore Year	Sem. Hrs.
ENG 101, 102	6		
Fine Arts	3	Communications	3
NFS 167	1	Foreign Language	0-6
Foreign Language	0-6	HON 211, 212	6
HON 111, 112	6	HON 321, 322	0-2
HON 321, 322	1-2	HPR 105	1
Laboratory Science	4	Laboratory Science	4
MAT 102, 167, 178, 312, or 314	3-5	Mathematics/Science Elective	3
Social Science	3	Social Science	3
	27-36		20-28

Senior Honors

To enter Senior Honors, the student must either complete General Honors with a minimum GPA of 3.0 or meet the following admission requirements: (1) a grade point average of 3.5 on at least 40 hours, (2) recommendations from two professors, (3) an essay, and (4) approval by the student's major department. Students must maintain a GPA of 3.25 to remain in Senior Honors. Those students entering from General Honors with a 3.0 GPA will have until the end of the first semester of their junior year to raise their GPA to 3.25. Students completing Senior Honors with the required GPA will receive the special recognition denoted by the Latin designations *summa cum laude* (3.8 or higher overall average), *magna cum laude* (3.50-3.79), or *cum laude* (3.25-3.49). Students will typically apply for Senior Honors during their sophomore year and, if admitted, begin the first

semester of their junior year. The Senior Honors curriculum offers students opportunities for independent study in their major, for small seminars on a wide range of topics, for study abroad, and for scholarship assistance.

Senior Honors Curriculum

The Senior Honors curriculum is designed to accomplish two objectives: (1) to continue the process begun through the General Education curriculum of broadening the student's knowledge and intellectual interests, and (2) to give the student the opportunity to develop a greater understanding of the goals and methods of his or her major discipline by completing a Senior Honors project under the direction of a professor in his or her major department. The student in Senior Honors is thus required to enroll in two topical Honors Seminars **outside** the major (HON 403); the University Forum (HON 321, 322); Prospectus Writing (HON 301), in which the student plans the Senior project; and in a research course in his or her major for completion of the Senior project.

Honors College Senior Honors Requirements

HON 321, 322*	0-2
HON 301 (Prospectus Writing)	1
HON 403 (Honors Seminar, to be taken outside the major)	3
HON 403 (411, Honors Directed Study or 499, British Studies)**	3
Senior Thesis (H492 or other departmental research course in the major)***	3
Comprehensive Examination in the Major	
	10-12 hrs.

*Students who have completed 4 hours of HON 321, 322 in General Honors are exempt from this requirement

**With prior permission of the Dean of the Honors College, students may substitute 411 or 499 for 3 hours of HON 403.

***The Senior project must be done in the area of the student's major unless specific prior approval is given by the Dean of the Honors College for a project in the area of the minor.

Requirements for Graduation with Senior Honors

1. Completion of 12 hours in Senior Honors courses, including senior project.
2. Successful completion of comprehensive examination
3. Overall GPA of 3.25 or better at graduation

Typical Schedule for Meeting Senior Honors Requirements

Junior Year	Sem. Hrs.	Senior Year	Sem. Hrs.
HON 321	1	HON 322	1
HON 301	1	Senior Research in Major	3
HON 403	3		
HON 403 (411 OR 499)	3		
	8		4

Senior Honors Research

The Senior Honors project involves two phases, the prospectus and the project itself. The prospectus must be presented two semesters prior to graduation; guidelines for the prospectus may be obtained from the Honors College Office. The project should reflect significant individual effort that involves library research, laboratory research, or field research. The project must conform to accepted scholarly procedure within the discipline of the major field. The project may be creative, but a creative project must be executed within the framework of accepted scholarly procedure. That is, a student who produces a creative effort must introduce that effort by adequate discussion of the nature of the creative form involved, including an indication of familiarity with other examples of that form. Any doubts as to the validity of a proposed project should be resolved in discussion

among the project director, the chair of the student's major department, and the Honors Dean. Directions for the format of the senior project may be secured from the Honors College Office. Graduating students are expected to present their research in a public senior symposium during the semester of graduation.

The comprehensive examination must be taken no later than four weeks before the student is scheduled to graduate. The examination may be either written or oral, at the option of the major department. The exact nature of the examination is a matter for decision by the department involved, but there are general guidelines:

(1) The examination should be designed so that it can be completed in a maximum of three hours.

(2) The examination should test the candidate's general knowledge of the field of the major rather than specialized information about some particular aspect of the major.

(3) The examination should be uniform for all candidates within a particular semester.

(4) It is the responsibility of the student to contact the department chair and request that the comprehensive examination be designed and administered. These arrangements should be made one semester in advance.

(5) A student who does not pass the examination upon the first attempt may repeat it once.

Graduation Recognition

A student may graduate with General Honors and/or Senior Honors in the Honors College. Senior Honors will be denoted by the Latin designations, *cum laude* (GPA of 3.25-3.49), *magna cum laude* (GPA or 3.50-3.79), and *summa cum laude* (GPA of 3.80 or higher).

Financial Assistance

Students enrolled in the Honors College may apply for financial aid through the Office of Financial Aid on the same basis as any other student. Scholarships available only to Honors students are listed below.

(1) **Presidential Scholarships:** Each year, the Honors College will designate a select group of Honors freshmen as Presidential Scholars. Applicants are expected to have high ACT scores, superior grades, and proven leadership ability. The value of this award is equal to tuition, fees, and room and board for a four-year period. (The recipient will receive university-mandated necessary increments each semester.) Presidential Scholars are required to maintain at least a 3.25 GPA. **The Schillig-Baird Scholarships**, **O.L. and Marie Sims Scholarship**, the **Pulley-Pulley Gough Scholarship** and others are awarded from special endowments made available for Presidential Scholarships.

(2) **George R. Olliphant Scholarships:** Available to a selected number of deserving students enrolled in the Honors College.

(3) **Honors Scholarships:** Freshmen admitted to the Honors College are designated Honors College Scholars. Awards are based on an excellent record of achievement on the ACT (or SAT) and in high school classes, with attention to Honors, AP, and other rigorous courses successfully completed; high school and community activities; honors and achievements; counselor and teacher recommendations; and an essay. Freshman and sophomore **Honors Scholars** are required to maintain a GPA of at least 3.0. Students admitted to Senior Honors are also eligible for Honors College Scholarships. Juniors and seniors are required to maintain a GPA of at least 3.25. Honors scholarships are in the amount of $150 per semester for up to $1,200 for students completing both General and Senior Honors.

(4) **Travel Awards:** Special travel awards are available for the Study Abroad Programs sponsored by the University's College of International and Continuing Education. Students should apply to the Dean of the Honors College in late January.

The University Forum

The University Forum is a special series of lectures and programs open to all students, faculty, and townspeople. It is sponsored each fall and spring by the University Honors College and features nationally-known speakers in a variety of fields. Students who attend the forum lectures and designated films, concerts, plays, and other activities may receive an hour of credit on a pass/fail basis by enrolling in HON 321 or 322. This course may be repeated by any USM student for up to 8 hours of credit.

The University of Southern Mississippi–Gulf Coast

James O. Williams, Vice President
730 East Beach Boulevard
Long Beach, MS 39560-2699
(228) 865-4500

The University of Southern Mississippi–Gulf Coast serves students at four locations: the **Gulf Park Campus** in Long Beach, the **Keesler Center** on Keesler Air Force Base, **Stennis Space Center** in Bay St. Louis, and **USM Jackson County Center** located on the Jackson County Campus of the Mississippi Gulf Coast Community College in Gautier. USM Gulf Coast is part of a cooperative plan to provide comprehensive higher education on the Mississippi Gulf Coast. The articulation programs with the area community colleges assure a smooth transition for students who transfer from the community colleges' freshman-sophomore programs to the upper level degree programs at USM Gulf Coast. Refer to the USM Gulf Coast academic publication for specific information concerning the Gulf Coast courses and programs.

Degree Programs

USM Gulf Coast provides a flexible delivery system designed to meet the educational needs of Coast citizens. Consequently, new courses and programs are added as student demand warrants and resources permit. A sufficient number of courses are now available so that USM Gulf Coast students may earn their entire baccalaureate degree(s) with majors and emphases in the following areas:

Accounting
American Studies
Biology
Business Administration
Computer Engineering Technology
Computer Science
Criminal Justice
Electronics Engineering Technology
Elementary Education
English
History
Hospitality Management
Industrial Engineering Technology
Library and Information Science
Management
Management Information Systems
Marine Biology
Mathematics
Nursing
Paralegal Studies
Political Science
Psychology
Secondary Education
Software Engineering Technology
Special Education
Technical and Occupational Education

Admission

Each new student seeking admission to USM Gulf Coast is required to file with the Office of Student Services an application for admission. He or she should also request the authorities at each institution attended to send an official transcript of his or her record to the Office of Student Services. Students who are applying with fewer than the twenty-four (24) hour transfer requirement must also have sent an official high school transcript showing the date of graduation. The applicant must also provide an official report of the ACT/SAT scores directly from the testing service. In order to determine an admission status and facilitate advisement, students must furnish transcripts and complete applications for admission prior to registration. Transcripts and the completed applications should be sent to the Office of Student Services, USM Gulf Coast, 730 East Beach Boulevard, Long Beach, MS 39560-2699. In all other respects, admission requirements are identical with those outlined elsewhere in this **Bulletin**.

Course Load

Students are permitted to carry a total of twelve (12) to nineteen (19) semester hours. Nine (9) to fourteen (14) hours is considered a full load during the summer session. Nineteen (19) hours is the maximum load without approval of the division chair. Credit courses and workshops taken on any USM campus will be counted as part of the course load.

Honors

Special policies have been formulated in order to accord official recognition to students who achieve outstanding academic records. **PRESIDENT'S LIST:** Undergraduate students who earn a 4.00 grade point average on an academic load of not less than twelve (12) semester hours in one semester and have no grades of I will be placed on the President's List. **DEAN'S LIST:** Undergraduate students will be placed on the Dean's List if they have earned a 3.25 grade point average or above on an academic load of not less than twelve (12) hours in one semester, provided they have no grade of D or below (includes F and I). **DEGREES WITH HONORS:** USM Gulf Coast students with exceptional academic records may be awarded a degree with honors or with highest honors. The residence requirement for such degrees is not less than thirty-two (32) semester hours of credit with the University of Southern Mississippi. A degree with honors will be granted to a student who maintains a grade point average of 3.5 or more. A degree with highest honors will be granted to a student who maintains a grade point average of 3.8 or more.

Fees

(All fees are subject to change without notice)

Undergraduate:.....$96.00 per semester hour
Graduate:.....$127.00 per semester hour

In addition to the fees listed above are the following special fees: $5.00 registration fee and a $2.00 transcript fee.

One-half of a student's fees are due and payable at the time of registration. Fees deferred past the last day to register each semester will be billed monthly. A monthly service charge of 1.5% will be applied to the unpaid balance. MasterCard® and Visa® credit cards will be accepted.

Financial aid may be used to satisfy the minimum payment with the following exceptions: financial aid cannot be applied to prior balances, and work study or other forms of aid paid periodically to students may not be used to defer fees. All financial aid must be applied to fees before a refund can be made.

A general tuition level cap of $1159.00 has been set for undergraduate students enrolled for 12-19 semester hours and for graduate students enrolled for 9-13 semester hours during the fall/spring semester. Undergraduate students enrolled for more than nineteen (19) hours will be assessed $96.00 for each additional hour and graduate students enrolled for more than thirteen (13) hours will be assessed $127.00 for each additional hour.

Students who are not residents of Mississippi will be assessed an additional fee of $129.00 per semester hour for undergraduates, $172.00 per semester hour for graduates, up to a maximum of $1551.00.

Full-Time Student Tuition

(Including $5.00 Registration Fee)

Undergraduate	Graduate
$1159.00	$1159.00
12-19 hrs.	9-13 hrs.

Special Fees

Vehicle Registration (GP & JC) .....$ 10.00
Late Registration Fee.....$ 50.00
In addition to the general tuition above, nursing majors taking the courses listed below will be assessed the following fees:

NSG 361, 362, 363.....$ 2.00/hr. + 45.00 per course

Calendar

The USM Gulf Coast academic calendar and holidays follow the same schedule as the Hattiesburg Campus calendar found elsewhere in this **Bulletin**.

SEMESTER	CLASSES BEGIN	FINAL EXAMS
Fall 2000-2001	August 21-25, 2000	December 11-15, 2000
Spring 2000-2001	January 8-12, 2001	May 7-11, 2001
Summer 2000-2001	May 29-June 1, 2001	July 30-August 3, 2001

COURSE DESCRIPTIONS

INDEX OF ABBREVIATIONS FOR FIELDS OF INSTRUCTION

AA	Allied Arts
ACC	Accounting
ACT	Architectural Engineering Technology
ADE	Adult Education
AMS	American Studies
ANT	Anthropology
AOS	Aerospace Studies
ARE	Art Education
ART	Art
AST	Astronomy
BA	Business Administration
BCT	Construction Engineering Technology
BSC	Biological Sciences
BTE	Business Technology Education
CD	Child Development
CED	Cooperative Education
CET	Computer Engineering Technology
CHE	Chemistry and Biochemistry
CHI	Chinese
CHS	Community Health Sciences
CIE	Curriculum and Instruction Elementary
CIR	Curriculum and Instruction Reading
CIS	Curriculum and Instruction Secondary
CJ	Criminal Justice
COA	Coastal Sciences
CS	Computer Science (Gulf Coast)
CSC	Computer Science
CSS	Computer Science and Statistics
DAN	Dance
DED	Dance Education
ECO	Economics
EET	Electronics Engineering Technology
ENG	English
ENT	Engineering Technology
ESC	Environmental Science
FAM	Family Studies
FCS	Family and Consumer Sciences
FIN	Finance
FL	Foreign Languages
FMA	Fashion Merchandising and Apparel Studies
FRE	French
FS	Fundamentals of Science
FSC	Forensic Science
GER	German
GHY	Geography
GLY	Geology
GRK	Greek
GS	General Studies
HIS	History
HM	Hospitality Management
HON	Honors College
HPR	Human Performance and Recreation
HUM	Humanities
IB	International Business
ID	Interior Design
IET	Industrial Engineering Technology
IS	International Studies
ITA	Italian
JOU	Journalism
JPN	Japanese
LAT	Latin
LIS	Library and Information Science
LS	Learning Skills
MAR	Marine Science
MAT	Mathematics
MED	Music Education
MET	Mechanical Engineering Technology
MFG	Manufacturing Technology
MGT	Management
MIS	Management Information Systems
MKT	Marketing
MS	Military Science
MTC	Medical Technology
MUP	Music Performance Studies
MUS	Music
NFS	Nutrition and Food Systems
NSG	Nursing
PHI	Philosophy
PHY	Physics
PLG	Planning
PLS	Paralegal Studies
PS	Political Science
PSC	Polymer Science
POR	Portuguese
PSY	Psychology
REF	Research and Foundations
REI	Real Estate and Insurance
REL	Religion
RTF	Radio-Television-Film
RUS	Russian
SCE	Science Education
SCM	Speech Communication
SET	Software Engineering Technology
SHS	Speech and Hearing Sciences
SOC	Sociology
SPA	Spanish
SPE	Special Education
SWK	Social Work
THE	Theatre
THY	Therapy
TOE	Technical/Occupational Education
TOX	Toxicology
WS	Women's Studies

EXPLANATION

The semester credit hours are listed after the title of each course.

Example:

100. Introduction to the Arts. 3 hrs. A team-taught investigation of the music, visual and theatrical arts designed fro students who are not otherwise academically involved with these arts. (CC 1233)

USM courses for which there are acceptable junior/community college courses are marked as (CC ____). It should be noted that there is a variance in course sequence between the junior/community colleges and USM. In addition, courses with the same junior/ community college numbers vary from college to college. An adviser should be consulted prior to course scheduling.

The plus (+) sign in front of a course indicates that a special fee is charged for that course. (See Special Fees listing in Student Expenses section, page 22.)

ACCOUNTING (ACC)

(Enrollment in courses numbered 300 or above requires at least junior standing.)

200. Introduction to Financial Accounting. 3 hrs. The interpretation and use of financial accounting information.

300. Managerial Accounting. 3 hrs. Prerequisites: ACC 200, MIS 201, 202. The use of accounting information in managerial decision making.

320. Elementary Cost Accounting. 3 hrs. Prerequisites: ACC 200 with a grade of C or better, MIS 201, 202. A study of cost accounting systems and methods.

325. Intermediate Accounting I. 3 hrs. Prerequisite: ACC 200 with a grade of C or better. An intensive study of financial statement theory and preparation.

327. Intermediate Accounting II. 3 hrs. Prerequisite: ACC 325 with a grade of C or better. A continuation of ACC 325.

330. Federal Income Tax Accounting. 3 hrs. Prerequisite: ACC 300 or 325 with a grade of C or better. Introduction to federal taxation and the basic concepts and applications of federal tax laws.

401. Advanced Accounting I. 3 hrs. Prerequisite: ACC 327 with a grade of C or better. A continuation of ACC 327.

402. Advanced Accounting II. 3 hrs. Prerequisite: ACC 327 with a grade of C or better. A continuation of the study of advanced financial accounting.

407. Government and Not-for-Profit Accounting. 3 hrs. Prerequisite: ACC 325. The study of government and fund accounting principles.

409. Auditing. 3 hrs. Prerequisite: ACC 325 with a grade of C or better. An introduction to the financial statement attest function.

412. Seminar on Contemporary Accounting Topics. 3 hrs. Prerequisite: ACC 325 with a grade of C or better. Selected readings and discussions of current accounting topics.

492. Special Problems in Accounting. 1-6 hrs. Prerequisite: Consent of Director. Individual study on an approved topic in Accounting. (Students undertaking a Senior Honors Project will enroll in ACC H492.)

498. International Accounting Seminar Abroad. 3 hrs. Prerequisite: Consent of Program Director. Conducted in London, England: A series of lectures and discussions involving authorities on international accounting issues and practices.

499. International Accounting Research Abroad. 3 hrs. Prerequisite: Consent of Program Director. A research course in international accounting offered for students enrolled in ACC 498.

ADULT EDUCATION (ADE)

440. Methods and Materials in Adult Education. 3 hrs. Reviews the uses and adaptation of various materials and techniques for teaching adults. Relates content and methods.

441. Foundations of Adult Literacy Instruction. 3 hrs. Examines the basis of reading instruction in relation to the needs and characteristics of the non-literate adult.

442. Methods and Materials for Adult Literacy Instruction. 3 hrs. Materials, diagnostic and evaluative procedures, and laboratory experiences will be included.

445. Teaching the Disadvantaged Adult. 3 hrs. Characteristics, needs, and problems are related to programs and procedures found to be successful.

476. Learning in Adult Education. 3 hrs. A study of learning in adulthood, and related to a range of educational programs.

478. Specialized Studies in Developmental Disabilities. 1-6 hrs. Specialized study and skill acquisition in the area of developmental disabilities. Topics vary.

480. Applied Educational Gerontology. 3 hrs. This course prepares individuals to design and implement educational programs for older adults.

490. Special Problems in Adult Education. 1-3 hrs. May be arranged for an individual or a group with common interests. Permission of the department chairman required.

+494. Student Teaching in Adult Education. 1-2 hrs. Prerequisite: ADE 440 or 441 or 442 or IVE 431 or 435. For students who plan to teach in an adult education program or a post-secondary vocational center and who are not presently employed in such a program.

+495. Internship in Adult Education. 3-9 hrs. A nine-month, supervised experience for practicing teachers of adults.

497. Professional Collaboration for Developmental Disability Services. 3 hrs. Prerequisite: Upper level undergraduate students only. Study of the interdependent contributions of relevant disciplines in training, service, and research.

AEROSPACE STUDIES (AOS)

First-Year Aerospace Studies

101. Foundation of the United States Air Force I. 1 hr. Corequisite: AOS 101L. A survey course to introduce the student to the Air Force and Air Force ROTC . Provides overview of missions and organization of the Air Force, officership and professionalism, military customs and courtesies, Air Force officer opportunities, and an introduction to communication skills.

101L. Air Force Leadership Laboratory. 1 hr. Corequisite: AOS 101. An application of material covered in AOS 101. Includes uniform wear, customs and courtesies, drill and ceremonies, and followership experiences.

103. Introduction to the Air Force Today. 1 hr. Corequisite: 103L. A continuation of AOS 101.

103L. Air Force Leadership Laboratory. 1 hr. Corequisite: AOS 103. An application of material covered in AOS 103. Includes uniform wear, customs and courtesies, drill and ceremonies, and followership experiences.

Second-Year Aerospace Studies

201. Evolution of USAF Air and Space Power I. 1 hr. Corequisite: AOS 201L. Examines general aspects of air and space power through a historical perspective. Also covers principles of war, tenets of air and space power, and Air Force core values. Development of communication skills continues.

201L. Air Force Leadership Laboratory. 1 hr. Corequisite: AOS 201. An application of material covered in AOS 201. Included uniform wear, customs and courtesies, drill and ceremonies, and followership experiences.

203. Evolution of USAF Air and Space Power II. 1 hr. Corequisite: AOS 203L. A continuation of AOS 201.

203L. Air Force Leadership Laboratory. 1 hr. Corequisite: AOS 203. An application of material covered in AOS 203. Includes uniform wear, customs and courtesies, drill and ceremonies, and followership experiences.

Third-Year Aerospace Studies

312. Air Force Leadership Studies I. 3 hrs. Corequisite: AOS 312L. A study of leadership, management fundamentals, professional knowledge, Air Force personnel and evaluation systems, leadership ethics, and communication skills required of an Air Force junior officer.

312L. Air Force Leadership Laboratory. 1 hr. Corequisite: AOS 312. An application of material covered in AOS 312 and an introduction to the leadership role and officer-type activities. Cadets are assigned positions within a wing organization with a corresponding area of responsibility.

313. Air Force Leadership Studies II. 3 hrs. Corequisite: AOS 313L. A continuation of AOS 312 with emphasis on ethics and the personnel system.

313L. Air Force Leadership Laboratory. 1 hr. Corequisite: AOS 313. An application of material covered in AOS 313 through advanced leadership experiences. Cadets are assigned positions within a wing organization with a corresponding area of responsibility.

Fourth-Year Aerospace Studies

412. National Security Affairs. 3 hrs. Corequisite: AOS 412L. Examines the national security process, regional studies, advanced leadership ethics, and Air Force doctrine.

412L. Air Force Leadership Laboratory. 1 hr. Corequisite: AOS 412. An application of material covered in AOS 412 through advanced leadership experiences. Cadets are assigned positions within a wing organization with a corresponding area of responsibility.

413. Preparation for Active Duty. 3 hrs. Corequisite: AOS 413L. Continues the regional studies of AOS 412 as well as examining military justice and Air Force policies and programs.

413L. Air Force Leadership Laboratory. 1 hr. Corequisite: AOS 413. An application of material covered in AOS 413 through advanced leadership experiences. Cadets are assigned positions within a wing organization with a corresponding area of responsibility.

492. Special Projects. 1-2 hrs. Requires permission of the chair.

ALLIED ARTS (AA)

100. Introduction to the Arts. 3 hrs. A team-taught investigation of the musical, visual, and theatrical arts designed for students who are not otherwise academically involved with these arts. (CC 1233)

300. Directed Art Tours. 3 hrs. Prerequisite: AA 100 or permission of instructor.

AMERICAN STUDIES (AMS)

304. Issues in America. 3 hrs. Topics vary according to professor and department in which the course is offered. May be repeated for credit if content varies.

403. Seminar in American Studies. 3 hrs. Required of American Studies majors during senior year. Open to other majors with permission of professor.

404. Issues in America. 3 hrs. Topics vary according to professor and department in which the course is offered. May be repeated for credit if content varies.

492. Special Problems. 1-3 hrs. (Students undertaking a Senior Honors Project will enroll in AMS H492.)

499. British Studies: Anglo-American Studies. 3-6 hrs. A seminar conducted in Great Britain under the auspices of the USM Institute of Anglo-American Studies.

ANTHROPOLOGY (ANT)

101. Introduction to Anthropology. 3 hrs. Surveys the five major subdisciplines of anthropology (physical anthropology, archaeology, linguistics, social/cultural anthropology, and applied anthropology) to provide the student with a holistic understanding of humanity's social and biological diversity. (CC-SOC 2213)

221. Cultural Anthropology. 3 hrs. A comparative approach to the analysis of human cultural and social diversity. (CC-SOC 2243)

231. Introduction to Archaeology. 3 hrs. An introduction to the study of anthropological archaeology and an overview of world prehistory.

241. Introduction to Physical Anthropology. 3 hrs. A study of prehistoric and modern human physical variation and its causes.

251. Introduction to Linguistic Anthropology. 3 hrs. A survey of anthropological approaches to the diversity of human languages.

311. World Cultures. 3 hrs. A survey of cultural and social patterns from each of the primary geographic and cultural areas of the world (Africa, Asia, South America, North America, Oceania, Europe and Australia).

312. Peoples and Cultures of Europe. 3 hrs. Ethnology of Europe and the adjacent North African and Middle Eastern territories.

313. Peoples and Cultures of Africa. 3 hrs. An ethnological survey of the major culture areas of the African continent with particular reference to sub-Saharan Africa.

314. Peoples and Cultures of Asia. 3 hrs. Ethnological survey of the far East, the Indian subcontinent, Central Asia, and Insular Southeast Asia.

315. American Indians. 3 hrs. Focuses on North American, Meso-American and South American Indian cultures.

317. Peoples and Cultures of Mesoamerica. 3 hrs. Introduction to the major prehistoric and contemporary peoples of Mexico and Central America, including the Aztecs, Maya and Valley of Oaxaca.

318. Peoples and Cultures of the Pacific. 3 hrs. An ethnological survey of Melanesia, Micronesia, and Polynesia.

331. Survey of Archaeological Methods. 3 hrs. An examination of the conceptual frameworks and methods by which archaeologists learn about the past.

333. Archaeology of North America. 3 hrs. A study of the origin and development of prehistoric American Indian cultures.

334. Archaeology of the Old South. 3 hrs. A survey of archaeological research conducted on antebellum plantations in the Southern United States.

335. Biblical Archaeology. 3 hrs. A survey of ancient Near Eastern peoples and cultures as reconstructed by anthropology and archaeology.

342. Forensic Anthropology. 3 hrs. Introduction to anthropological field methods and theory applicable to forensics, including bone identification and sex/age/race identification.

416. Ethnographic Field Methods. 1-6 hrs. Methods of ethnographic fieldwork through participation in organized field studies. Permission of instructor required.

420. Culture and Ethnicity. 3 hrs. An analysis of culture and ethnicity with special reference to the problem of modernization.

421. Anthropological Theory. 3 hrs. A general survey of the development of anthropological thought and of the major contemporary schools of anthropological theory.

422. Ecological Anthropology. 3 hrs. An examination of human cultural strategies for adaptation to different environments.

423. Economic Anthropology. 3 hrs. The evolution of economic systems, cross-cultural analysis of economic systems, and the role of economic forces in cultural change.

425. Kinship and Social Organization. 3 hrs. A comparative study of kinship and social organization, and a survey of the major anthropological theories concerning organizational variability.

426. American Folklore. 3 hrs. An analysis of folklore, oral narratives, performance, and material culture with special reference to America and the American South.

427. Psychological Anthropology. 3 hrs. Cross-cultural analysis of personality formation, perception and cognition, and mental illness.

428. Political Anthropology. 3 hrs. A comparative survey of patterns of group decision-making, leadership, resolution of conflict and social control in human societies.

429. Topics in Cultural Anthropology. 3 hrs. Variable content. May be repeated three times in separate topical offerings.

431. Advanced Prehistoric Analysis. 3 hrs. Corequisite: ANT 431L. Overview of analytical techniques in archaeology and prehistoric technologies.

431L. Advanced Prehistoric Analysis Laboratory. 1 hr. Corequisite: ANT 431. Laboratory to accompany Prehistoric Archaeology. Overview of analytical techniques in archaeology and prehistoric technologies.

433. Prehistory of Southeastern Indians. 3 hrs. A survey of the prehistoric archaeology of the Southeastern United States, especially Mississippi and adjoining states, from the first inhabitants to the time of European contact.

434. Historical Archaeology. 3 hrs. A study of questions and techniques used on archaeological sites dating from the 15th century to the early 20th century.

435. Urban Archaeology. 8 hrs. An examination of archaeological remains recovered in American cities.

436. Archaeology Field Methods. 1-6 hrs. Methods of fieldwork through participation in organized field projects. Permission of instructor required.

437. Heritage Resources and Public Policy. 3 hrs. The history and present state of public policy issues related to archaeological and historic resources, in their role in the planning process. Prerequisite: ANT 231, ANT 331, or ANT 333.

439. Topics in Archaeology. 3 hrs. Variable content. May be repeated three times in separate topical offerings.

441. Human Variation. 3 hrs. An exploration of human biological variation, including its sources, its classification, and its expression in different environments.

442. Medical Anthropology. 3 hrs. Introduction to the relationship between human culture and disease, especially cross-cultural comparisons of perception and treatment of illness.

445. Bioarchaeology. 3 hrs. Methods and theories used in interpretation of skeletal and mortuary data in archaeological contexts.

449. Topics in Physical Anthropology. 3 hrs. Variable content. May be repeated three times in separate topical offerings.

451. Language Planning, Culture, and Politics. 3 hrs. Study of language planning, cultural identity, and politics around the world.

452. Language, Gender, and Culture. 3 hrs. Cross-cultural study of the social basis of gender differences in language.

459. Topics in Linguistic Anthropology. 3 hrs. Variable content. May be repeated three times in separate topical offerings.

492. Special Problems. 1-3 hrs. A problem study to be approved by the department chairman. (Students undertaking a Seniors Honor Project will enroll in ANT H492.)

493. Irish Studies. 4 hrs. Variable content. Lecture series and study in Ireland under the auspices of the Center for International Education.

499. British Studies. 3-6 hrs. Variable content. Lecture series and research abroad under the auspices of the Center for International Education.

ARCHITECTURAL ENGINEERING TECHNOLOGY (ACT)

132. Architectural Graphics. 2 hrs. Corequisite: ACT 132L. Principles of orthographic projection, isometrics, sections, and related drafting techniques applied to architectural and construction plans.

132L. Architectural Graphics Laboratory. 1 hr. Corequisite: ACT 132.

204. Building Materials. 2 hrs. Properties, characteristics, and utilization of materials used in design and construction of projects.

204L. Building Materials Laboratory. 1 hr. Study of materials used in buildings through materials research in the library and on the Internet, jobsite visitation, building of mock-ups related to building materials, and building of video library.

234. Architectural CADD. 1 hr. Prerequisites: ACT 132, ACT 204, ENT 320. Corequisite: ACT 234L. Introduction to architecturally-oriented software and use to prepare plans for buildings.

234L Architectural CADD Laboratory. 1 hr. Prerequisite: ACT 132, ACT 204, ENT 320. Corequisite: ACT 234. Introduction to architecturally-oriented software and use to prepare plans for buildings.

235. Architectural Working Drawings I. 2 hrs. Prerequisites: ACT 132, ACT 204, and ENT 320. Corequisite: ACT 235L. Residential working drawings with integration of building systems used in frame construction.

235L. Architectural Working Drawings I Laboratory. 1 hr. Corequisite: ACT 235.

261. Residential Planning and Design. 3 hrs. Prerequisites: ACT 132 and ACT 204. Corequisite: ACT 261L. Analysis and problem solving in the design and planning of residential buildings.

261L. Architectural Engineering Technology Laboratory. 0 hr. Corequisite: ACT 261.

262. Architectural Design I. 2 hrs. Prerequisites: ACT 132 and ENT 320. Corequisite: ACT 262L. Residential and high density planning (Group Residential Occupancy Classification); study and application of design principles to three-dimensional visual organizations which convey spatial information.

262L. Architectural Design I Laboratory. 1 hr. Corequisite: ACT 262.

301. CABO (Council of American Building Officials) Code. 1 hrs. Prerequisites: ACT 132/L, ACT 204, or permission of instructor. Introduction to CABO (Council of American Building Officials) Building Code for one and two family dwelling units.

303. Principles of Energy in Interior Design. 3 hrs. Principles of thermal, atmospheric, acoustic, solar and luminous environments as applied to design in architecture and interior design.

315. Mechanical Systems. 3 hrs. Prerequisite: ACT 132/L. Design, installation, and performance of mechanical systems (heating, air conditioning, and plumbing) in buildings.

316. Electrical Systems. 3 hrs. Design, installation, and performance of electrical systems for residential and commercial buildings.

322. Architectural History. 3 hrs. Analysis of achievements in the design and construction of major architectural developments from early times to present.

323. Architectural Rendering. 2 hrs. Prerequisite: ACT 132. Corequisite: ACT 323L. Visual expression of architectural principles and structures. Perspective, shade, shadow, and color (using pencil, pen and ink, paints, and new media).

323L. Architectural Rendering Laboratory. 1 hr. Corequisite: ACT 323.

324. Architectural Landscaping. 3 hrs. Corequisite: ACT 324L. Principles of landscaping as applied to the building environment.

324L. Architectural Landscaping Laboratory. 0 hr. Corequisite: ACT 324.

325. Office Practices. 3 hrs. Prerequisite: ACT 235. Introduction to contract documents, contract administration, and architectural office operations.

336. Architectural Working Drawings II. 3 hrs. Prerequisite: ACT 235. Corequisite: ACT 336L. Commercial working drawings, with integration of commercial building systems.

336L. Architectural Working Drawings II Laboratory. 1 hr. Corequisite: ACT 336.

338. Architectural Working Drawings III. 3 hrs. Prerequisite: ACT 336. Corequisite: ACT 338L. Emphasis on detailing, graphics, plan coordination and development of working drawings.

338L. Architectural Working Drawings III Laboratory. 0 hr. Corequisite: ACT 338.

343. Structural Design. 3 hrs. Prerequisite: ENT 340/L. Design of structural members; steel, wood, and concrete.

363. Architectural Design II. 2 hrs. Corequisite: ACT 363L. Spatial planning of commercial buildings (Group Medical/Business Occupancy Classification); application of design processes and analytical methods; information retrieval, programming and architectural problem solving.

363L. Architectural Design II Laboratory. 1 hr. Corequisite: ACT 363.

364. Architectural Design III. 2 hrs. Prerequisite: ACT 363. Corequisite: ACT 364L. Analysis of environmental and site forms as they relate to planning and design of assembly and educational structures (Groups Assembly and Education Occupancy Classification).

364L. Architectural Design III Laboratory. 1 hr. Corequisite: ACT 364.

392. Special Problems. 1-3 hrs. Prerequisites: Junior standing and approval of faculty adviser.

400. Senior Project. 3 hrs. Prerequisites: Senior standing and approval of faculty adviser.

401. Senior Project. 3 hrs. Prerequisite: ACT 400.

404. Applications of Computer-Aided Drafting and Design. 3 hrs. Prerequisite: ENT 320. Use of commercially-available software to create complete sets of architectural and engineering drawings.

426. Specifications. 3 hrs. Prerequisite: ACT 336 or BCT 336. Introduction to development and writing of architectural project specifications.

445. Foundations. 3 hrs. Prerequisite: ENT 360. Properties and behavior of soils and concrete as applied to architectural structures.

457. Architectural Estimating. 2 hrs. Prerequisites: ACT 336/L or approval of instructor. Development of project budgets from schematic stages through final design using cost estimating and value engineering methods.

465. Architectural Design IV. 2 hrs. Comprehensive architectural concepts applied to institutional buildings (Group I Occupancy Classification).

465L. Architectural Design IV Laboratory. 1 hr. Corequisite: ACT 465.

492. Special Problems. 1-3 hrs. Prerequisites: Senior standing and approval of faculty adviser.

ART (ART)

(*=Permission of instructor necessary; **=Permission of department chair required)

101. Drawing I. 3 hrs. A study of the possibilities of drawing as the expression of a variety of ways of seeing and thinking. (CC 1313)

102. Drawing II. 3 hrs. Prerequisite: ART 101, or *. A continuation of ART 101. (CC 1323)

111. Design I. 3 hrs. A study of the basic elemental relationships, plastic integration factors, principles, and the ordering of them toward expression. (CC 1413)

112. Design II. 3 hrs. Prerequisite: ART 111, or *. A continuation of the study of design with color theory and practice. (CC 1423)

113. Three-Dimensional Design. 3 hrs. Prerequisite: ART 111 OR *. Concepts and basic visual problems in designing sculptural form with the dimensions of height, width, and depth.

130. Art Appreciation. 3 hrs. An introduction to the visual arts for non-art majors. May not be used toward the major or minor. (CC 1113)

201. Figure Drawing I. 3 hrs. Prerequisite: ART 102, 112, 113, or *. Study of the structure and anatomy of the human figure. Drawing and study from the figure.

202. Figure Drawing II. 3 hrs. Prerequisite: ART 201 or*. Advanced study from the human figure involving composition and sustained drawings.

203. Figure Drawing III. 3 hrs. Prerequisite: ART 202 or*. Advanced drawing from the figure involving composition, expression and personal vision.

212. Crafts. 3 hrs. A study of the techniques and problems involved with general crafts. May not be used toward the major in art or art education.

213. Crafts. 3 hrs. A continuation of ART 212. May not be used toward the major in art or art education.

221. Technical Foundations for Painting. 3 hrs. Prerequisites: ART 102, 112, 113 or *. Experimental problems with traditional painting media and techniques.

238. Introduction to Museum Studies. 3 hrs. This course will allow the student to study in the museum environment and become familiar with the professional duties of various museum personnel.

+251. Workshop in Ceramics. 3 hrs. Traditional techniques in the forming, firing, and glazing of clay. May not be used toward the major or minor in art or art education. May be repeated. (CC 2613)

300. Workshop in Drawing. 1-3 hrs. Arr. A variety of drawing experiences which may be pursued by students at various levels. May not be used toward the major or minor. May be repeated.

301. Drawing. 3 hrs. Prerequisite: ART 202 or *. Advanced study of visual form in drawing.

302. Drawing. 3 hrs. Prerequisite: ART 301. Advanced study of visual form in drawing.

303. Drawing. 3 hrs. Prerequisite: ART 302 or *. Advanced problematic study of form in drawing moving toward personal expression.

309. Visual Art Elements. 3 hrs. An introduction to visual art concepts, perceptions, and techniques in a classroom setting. For non-art majors.

311. Digital Visualization. 3 hrs. Prerequisites: ART 101 and 111, or *. An emphasis on the design and development of imagery utilizing computer technology. Vector software will be utilized.

312. Digital Page Layout. 3 hrs. Prerequisite: ART 102 and 112, or *. Page layout for print and electronic applications. Page make-up software will be utilized.

313. Digital Imaging. 3 hrs. Prerequisites: ART 102, 112, 113, or *. Design and manipulation of digital imagery for print and electronic applications. Raster image software will be utilized.

314. Advanced Design. 3 hrs. Prerequisite: *. Advanced studio problems in design.

320. Workshop in Painting. 1-3 hrs. Painting experiences which may be pursued by students at various levels. May not be used toward the major or minor. May be repeated.

321. Painting I. 3 hrs. Prerequisite: ART 102, 112, 113, or *. Introduction to problematic study of form in painting, including experiments with painting media and technique.

322. Painting II. 3 hrs. Prerequisite: ART 321, or *. Intermediate problematic study of form in painting.

323. Painting III. 3 hrs. Prerequisite: ART 322, or *. Advanced problematic study of painterly form moving toward an introduction to personal expression.

331. Directed Museum and Gallery Tour. 1-3 hrs. Field trip and tour of galleries and museums for the viewing of original works. May be repeated.

332. History of Art I. 3 hrs. A lecture course surveying Ancient through Medieval Art History .

334. History of Art II. 3 hrs. A lecture course surveying Renaissance, Baroque, Nineteenth, and Twentieth Century Art.

335L Practicum in Gallery Operations. 3 hrs. Provides experience in every facet of gallery operations including the organization of exhibition schedules, the acquisition, design and installation of art exhibitions, and the writing of promotional material.

336L Practicum in Museum Studies. 3 hrs. Introduces the skills required to assume curatorial and managerial positions in museums. Offers instruction in the history of museums and art acquisition, exhibit design, artifact conservation, and the organization of permanent collections.

337L Practicum in Arts Management. 3 hrs. Offers experience in the organization and management of galleries, museums and arts foundations. Emphasis placed on business management and marketing, fundraising, event planning and promotion, and arts advocacy.

341. Graphic Design I/Production. 3 hrs. Prerequisites: ART 102, 112, 113, or *. Introduction to the history, processes and procedures of graphic design and reproduction. Computer technology and its role in graphic production is examined.

342. Graphic Design II/Typography. 3 hrs. Prerequisites: ART 102, 112, 113, or *. The study of letter forms, with an emphasis on typography as an expressive design element. Solutions involving traditional and computer methodologies.

343. Graphic Design III/Presentation. 3 hrs. Prerequisites: ART 102, 112, , 113, or *. Design systems and presentation methods for graphic layout, with an emphasis on the integration of type and image.

344. Illustration. 3 hrs. Prerequisites: ART 201 or 363 or *. Problems, solutions, and techniques involving the exploration of the image as a means of visual communication.

+351. Ceramics I. 3 hrs. Prerequisite: ART 102, 112, 113. Traditional techniques in the manipulation of clay and glazing.

+352. Ceramics II. 3 hrs. Prerequisite: ART 351. Traditional utilitarian techniques in manipulation of clay from the wheel.

+353. Ceramics III. 3 hrs. Prerequisite: ART 352. Utilitarian and aesthetic manipulation of clay from the wheel.

+360. Workshop in Sculpture. 3 hrs. An introduction to sculptured materials, techniques and concepts. May not be used toward the major or minor in Art or Art Education. May be repeated.

+361. Sculpture I. 3 hrs. Prerequisites: ART 102, 112, 113. Beginning sculpture with an introduction to materials techniques, and processes, emphasis on problem solving.

+362. Sculpture II. 3 hrs. Prerequisite: ART 361. Continuation of beginning sculpture.

+363. Sculpture III. 3 hrs., repeatable once for additional 3 hrs. Prerequisite: ART 113 or *. Advanced study from the human figure involving three-dimensional modeling.

+370.Workshop in Printmaking. 3 hrs. An introduction to printmaking techniques. May not be used toward the major or minor in Art or Art Education. May be repeated.

+371. Printmaking I. 3 hrs. Prerequisites: ART 102, 112, 113, or *. A study of techniques and design for relief printmaking.

+372. Printmaking II. 3 hrs. Prerequisites: 102, 112, 113, or *. A study of techniques and design for intaglio printmaking.

+373. Printmaking III. 3 hrs. Prerequisites: ART 102, 112, 113, or *. A study of techniques and design for lithographic printmaking.

+374. Special Problems in Printmaking. 3 hrs. Prerequisites: ART 102, 112, 113, or *. Directed study in printmaking techniques. May be repeated.

380. Workshop in Art. 1-3 hrs. Workshop in Art. Art experiences with variable content. May be repeated.

381. Photography I. 3 hrs. Introduction to basic skills with the camera and darkroom using black and white photography.

382. Photography II. 3 hrs. Prerequisite: ART 381 or *. Continuation of Art 381 with an emphasis on composition in black and white photography.

383. Color Photography. 3 hrs. Prerequisite: ART 392 or *. Introduction to basic color photography and printing.

390. Workshop in Photography. 3 hrs. An introduction to materials, techniques and concepts in design with emphasis on light-sensitive materials. May be repeated.

400. The Art of Italy. 3 hrs. Prerequisite:*. A travel/study course in the art of Italy.

410. Art 1900-1940. 3 hrs. An analysis of Fauvism, Expressionism, Cubism, Futurism, Dada, Surrealism.

412. Crafts I. 3 hrs. Prerequisite: ART 102, 112, 113, or *. Wood working. A study of the technique and problems involved in the creation of wood crafts. May be repeated.

413. Crafts II. 3 hrs. Prerequisite: ART 102, 112, 113, or *. Metal working. A study of the technique and problems involved in the creation of metal craft. May be repeated.

414. Crafts III. 3 hrs. Prerequisite: ART 102, 112, 113, or *. Weaving. A study of the technique and problems involved in the creation of various fabrics with fibrous materials. May be repeated.

415. Graphic Design History. 3 hrs. A lecture course designed to inform about the current trends in the plastic and graphic arts, including historical precedents. Fulfills requirement of an art history elective.

420. Contemporary Art Trends. 3 hrs. Art trends are identified, developed, and discussed in terms of philosophies, practitioners, backgrounds, and techniques. A lecture course. Fulfills requirement of an art history elective.

421. Painting IV. 3 hrs. Prerequisites: ART 323, or *. A personal search in painting. Class discussion and criticism.

422. Painting V. 3 hrs. Prerequisites: ART 421, or *. Advanced development of a personal language and statement in painting.

423. Painting VI. 3 hrs. Prerequisites: ART 422, or *. A sustained individual effort in painting leading to the independent work of the senior project.

428. Painting Project. 3 or 6 hrs. Prerequisites: ART 422, and *. Independent expressive problem in painting culminating with an exhibition.

430. Research Methods in Art History. 3 hrs. A systematic analysis of the tools and techniques available to the art historian when conducting research into the art object.

431. Ancient Art History. 3 hrs. Prerequisite: ART 332. Art of the ancient world from the beginning of civilization to the fourth century.

432. Medieval Art History. 3 hrs. Prerequisite: ART 332. Art of Europe from the fourth through the fourteenth centuries.

433. Northern Renaissance Art History. 3 hrs. Prerequisite: ART 334. Art of the Netherlands, Germany, and France during the fourteenth through sixteenth centuries.

434. Italian Renaissance Art History. 3 hrs. Prerequisite: ART 334. Art of Italy during the fourteenth through sixteenth centuries.

435. Baroque and Rococo Art History. 3 hrs. Prerequisite: ART 334. The art of Europe from the close of the sixteenth through the eighteenth centuries.

436. Nineteenth Century Art History. 3 hrs. Prerequisite: Art 334. The analysis of Neo-Classicism, Romanticism, Realism, and Impressionism.

437. The Historiography and Methodologies of Art History. 3 hrs. This course will serve as an introduction to the historical development of art history as a field of intellectual inquiry. Emphasis placed on the major approaches that modern art historians have applied to the discipline.

438. Art 1940-Present. 3 hrs. Prerequisite: ART 334. analysis of the many trends in art in the Post-World War II period.

439. Connoisseurship. 3 hrs. This course is devoted to the direct analysis of original and, for the most part, unpublished works of art. Emphasis placed on the physical consistency of objects–their dimension, style, and quality.

441. Graphic Communication I. 3 hrs. Prerequisite: ART 341, 342, 343, or *. Solving conceptual problems visually requiring the application of professional level graphic communication skills.

442. Graphic Communication II. 3 hrs. Prerequisite: ART 441, or *. Continuation of ART 441, with particular emphasis on professional procedure.

443. Graphic Communication III. 3 hrs. Prerequisite: ART 442. A continuation of ART 442, with particular emphasis on professional portfolio development.

444. Graphics Design Portfolio. 3 hrs. Prerequisite: ART 441 or *. Preparation of Graphic Design Portfolio.

448. Graphic Communication Project. 3 or 6 hrs. Prerequisite: ART 443, and * . A comprehensive design study initiated by the student in an area of specified interest under the direction of a committee of faculty advisors. Public presentation of portfolio.

+451. Ceramics IV. 3 hrs. Prerequisite: ART 353. Continuation of Ceramics III.

+452. Ceramics V. 3 hrs. Prerequisite: ART 451. Advanced ceramics, self motivated ceramics with a personal level of expression..

+453. Ceramics VI. 3 hrs. Prerequisite: ART 452. Continuation of Ceramics V with a direction toward a professional level of personal expression.

+458. Ceramics Project. 3 or 6 hrs. Prerequisite: ART 453. Independent project in ceramics culminating with an exhibition. A written proposal, faculty committee, and * is required.

+461. Sculpture IV. 3 hrs. Prerequisite: ART 362. Sculpture problem solving with a direction toward self-motivated personal expression.

+462. Sculpture V. 3 hrs. Prerequisite: ART 461. Continuation of Sculpture IV.

+463. Sculpture VI. 3 hrs. Prerequisite: ART 462. Advanced sculpture, self-motivated sculpture with a direction toward a professional level of personal expression.

+468. Sculpture Project. 3 hrs. Prerequisite: ART 463. Independent project in sculpture culminating with an exhibition. A written proposal, faculty committee, and * is required.

+471. Advanced Printmaking IV. 3 hrs. Prerequisite: ART 371. Continued study of the aesthetic and technical aspects of the relief printmaking processes.

+472. Advanced Printmaking V. 3 hrs. Prerequisite: ART 372. Continued study of the aesthetic and technical aspects of the intaglio printmaking processes.

+473. Advanced Printmaking VI. 3 hrs. Prerequisite: ART 373. Continued study of the aesthetic and technical aspects of the lithographic printmaking processes.

481. Photography IV. 3 hrs. Digital imaging.

482. Studio Photography. 3 hrs. Studio photography.

483. Experimental Photography. 3 hrs. Experimental photography.

487. History of Photography. 3 hrs. The history of photography from its beginning to the present.

488. Photography Project. 3-6 hrs. Prerequisite: ART 483 and *. Independent expressive problem in photography culminating in a senior exhibition.

491. Art Internship. 1-9 hrs. A professional work-training experience with a host organization, institution, or artist as a means of preparing for a career goal or further studies. Permission of the faculty intern supervisor and department chair required. May be repeated.

492. Special Problems in Art. 1-3 hrs. Prerequisite: Senior standing and consent of instructor. Individual research on an approved visual art problem. May be repeated. (Students undertaking a Senior Honors Project will enroll in ART H492.)

498. British Studies, Art History. 3-6 hrs. Variable content. Lecture series and research offered under the auspices of the Institute of Anglo- American Studies.

499. British Studies, Art Studio. 3-6 hrs. Variable content. Studio series offered abroad under the auspices of the Institute of Anglo-American Studies.

ART EDUCATION (ARE)

452. Methods in Art. 3 hrs. Prerequisite: Senior Standing. Stresses the aims, objectives, and methods of art education in the K-12 classroom.

453. Practicum in Art Education. 1-6 hrs. Students will participate in supervised practicum experiences in elementary and secondary educational setting. May be repeated.

482. Student Teaching in Art Education I, II. 7,7 hrs.

492. Art Education Project. 3 hrs. Prerequisites: Senior Standing. A research project to further the development of objectives, specialized art techniques, curriculum and methods of teaching in the K-12 classroom.

ASTRONOMY (AST)

111. General Astronomy. 3 hrs. Introduction to early astronomy, tools of astronomers, and the solar system.

111L. General Astronomy Laboratory. 1 hr. Corequisite: AST 111.

112. General Astronomy. 3 hrs. Stellar structure, evolution of the Galaxy, extragalactic astronomy, and cosmology.

112L. General Astronomy Laboratory. 1 hr. Corequisite: AST 112.

BIOLOGICAL SCIENCES (BSC)

Courses that may not be counted toward a major in Biological Sciences:

103. Biological Science. 3 hrs. Concepts and methods of biological science and their relationship to human affairs. Satisfies General Education Curriculum requirements for laboratory sciences (Category IV). Cannot be taken in combination with BSC 110 or 111 to meet the general education curriculum requirement.

103L. Biological Science Laboratory. 1 hr.

107. Human Biology. 3 hrs. Prerequisites: BSC 103 and BSC 103L strongly recommended. Basic concepts, principles, and processes in human biology, including consideration of social, moral, and ethical issues and concerns. Satisfies General Education Curriculum requirements for laboratory sciences (Category IV).

107L. Human Biology Laboratory. 1 hr. Corequisite for BSC 107.

250. Human Anatomy and Physiology I. 3 hrs. Cells and tissues; integumentary, skeletal, muscular, immune, respiratory, and circulatory systems. Satisfies General Education Curriculum requirements for laboratory sciences (Category IV). (CC 1513, 2513, 1514, 2514)

250L. Human Anatomy and Physiology I Laboratory. 1 hr. Corequisite for BSC 250. (CC 1511, 2511)

251. Human Anatomy and Physiology II. 3 hrs. Nutrition and metabolism; gastrointestinal, nervous, renal, endocrine, and reproductive systems. Satisfies General Education Curriculum requirements for laboratory sciences (Category IV). (CC 1523, 2523, 1524, 2524)

251L. Human Anatomy and Physiology II Laboratory. 1 hr. Corequisite for BSC 251. (CC 1521, 2521)

280. Microorganisms in Health and Disease. 3 hrs. A survey of microorganisms of public significance for nursing students.

281. Microorganisms in Food. 3 hrs. Microbiology of domestic and commercially prepared foods. Satisfies General Education Curriculum requirements for laboratory sciences (Category IV).

281L. Microorganisms in Food Laboratory. 1 hr. Corequisite for BSC 281.

Courses which may be counted toward a major in Biological Sciences:

110. Principles of Biological Science I. 3 hrs. Introduction to biological science, emphasizing cellular organization, genetics, ecology, and evolution. Satisfies the general education requirement for laboratory science. Cannot be taken in combination with BSC 103 to meet the general education curriculum requirement.

110L. Principles of Biological Science I Laboratory. 1 hr. Corequisite for BSC 110.

111. Principles of Biological Science II. 3 hrs. Prerequisite: BSC 110 or equivalent. Introduction to biological science, emphasizing diversity, organisms, and organ systems. Satisfies the general education requirement for laboratory science. Cannot be taken in combination with BSC 103 to meet the general education curriculum requirement.

111L. Principles of Biological Science II Laboratory. 1 hr. Corequisite for BSC 111.

201. General Zoology. 2 hrs. Prerequisite: BSC 110 and 111 or equivalent. Systematics, functional morphology, and ecological relationships of the major animal phyla. (CC 2414)

201L. General Zoology Laboratory. 1 hr. Corequisite for BSC 201.

226. General Botany. 2 hrs. Prerequisite: BSC 110 and 111 or equivalent. Systematics, structure, physiology, growth and development of plants. (CC 1313, 1314)

226L. General Botany Laboratory. 1 hr. Corequisite for BSC 226.

305. Evolution. 3 hrs. Prerequisites: BSC 110 or equivalent; BSC 201 and GLY 103 recommended. A comprehensive treatment of evolutionary theory.

340. Environmental Biology. 3 hrs. Prerequisite: BSC 110 and 111, or comparable courses, or permission of the instructor. Fundamental principles of ecology and exploration of environmental issues.

360. Cellular Physiology. 3 hrs. Prerequisites: 8 hours of biology, 8 hours of chemistry; organic chemistry recommended. Cellular anatomy, chemistry, and physics.

361. Comparative Anatomy. 2 hrs. Phylogeny of the chordates, with special emphasis on vertebrate organ systems.

361L. Comparative Anatomy Laboratory. 2 hrs. Corequisite for BSC 361.

370. Genetics. 4 hrs. Prerequisite: BSC 380 or BSC 110; one semester of organic chemistry recommended. The fundamental principles of heredity.

380. General Microbiology. 3 hrs. Prerequisites: BSC 110 and 111 or equivalent. Current concepts in microbiology, including microbial structure and function, physiology, genetics, ecology, and role in disease.

380L. General Microbiology Laboratory. 1 hr. Corequisite for BSC 380.

382. Microbial Ecology. 3 hrs. Prerequisites: BSC 110, 111, 380. The study of the relationship between microorganisms and their biotic and abiotic environments.

400. History of Biology. 3 hrs. Lectures and papers concerning the development of biological sciences.

401. Natural History of Animals. 1 hr. Prerequisite: Consent of instructor. Life histories of animals.

401L. Natural History of Animals Laboratory. 2 hrs. Corequisite for BSC 401.

402. Natural History of Plants. 1 hr. Prerequisite: Consent of instructor. Life histories of plants.

402L. Natural History of Plants Laboratory. 2 hrs. Corequisite for BSC 402.

403. Natural History of Infectious Diseases. 3 hrs. A study of infectious diseases and their effect on man.

404. Field Biology. 1-2 hrs. arr. Ecological and taxonomic studies. Offered between semesters as 4- to 12-day field trips.

404L. Field Biology Laboratory. 2-4 hrs. Corequisite for BSC 404.

405. Paleobiology. 3 hrs. Prerequisite: General Zoology. Study of life forms existing in prehistoric or geologic time as represented by plants, animals, and other organisms.

405L Paleobiology Laboratory. 1 hr. Corequisite: BSC 405.

406. Zoogeography. 3 hrs. Prerequisite: Consent of instructor. A descriptive and analytical study of the distribution of animals.

407. Biology of Vertebrates. 3 hrs. The ecology, evolution, behavior and conservation of vertebrate animals. Field trips when possible.

407L. Biology of Vertebrates Laboratory. 1 hr. Corequisite for BSC 407.

408. Invertebrate Zoology I. 2 hrs. Prerequisite: BSC 110, 111, 201. Functional morphology, systematics, and life histories of the phyla Porifera through the minor protostomes.

408L. Invertebrate Zoology I Laboratory. 1 hr. Corequisite for BSC 408.

409. Invertebrate Zoology II. 2 hrs. Prerequisite: BSC 408 or permission of instructor. Functional morphology, systematics, and life histories of invertebrate phyla through the Hemichordata.

409L. Invertebrate Zoology II Laboratory. 1 hr. Corequisite for BSC 409.

410. Human Parasitology. 3 hrs. Prerequisites: BSC 110, 201. Life histories, medical significance, and diagnosis of helminths and protozoa parasitic in man.

410L. Human Parasitology Laboratory. 1 hr. Corequisite for BSC 410.

411. Entomology. 2 hrs. Prerequisites: BSC 110, 111. Structural adaptations, classification, life histories and habits, and the economic importance of insects.

411L. Entomology Laboratory. 1 hr. Corequisite for BSC 411.

412. Medical Entomology. 2 hrs. Prerequisite: Consent of instructor. Arthropod vectors and agents of disease.

412L. Medical Entomology Laboratory. 1 hr. Corequisite for BSC 412.

413. Arachnida Biology. 2 hrs. Prerequisites: BSC 110, 111. Biology, morphology, and classification of the arachnids.

413L. Arachnida Biology Laboratory. 1 hr. Corequisite for BSC 413.

414. Ichthyology. 2 hrs. Evolutionary relationships, morphology, physiology and zoogeography of fishes, with emphasis on identification of local forms.

414L. Ichthyology Laboratory. 1 hr. Corequisite for BSC 414.

415. Biology of Fishes. 2 hrs. Prerequisite: Consent of instructor. Functional morphology, ecology and behavior of fishes.

415L. Biology of Fishes Laboratory. 2 hrs. Corequisite for BSC 415.

416. Introduction to Fishery Science. 2 hrs. A survey of the biology, management, and potential yield of fish populations.

416L. Introduction to Fishery Science Laboratory. 1 hr. Corequisite for BSC 416.

417. Herpetology. 3 hrs. Prerequisites: BSC 110, 111. Collection, preservation, identification and distribution of amphibians and reptiles. Field trips when possible.

417L. Herpetology Laboratory. 1 hr. Corequisite for BSC 417.

418. Avian Biology. 3 hrs. Prerequisite: BSC 361 recommended. Morphology, taxonomy, life history, distribution, evolution, and adaptations of birds.

418L. Avian Biology Laboratory. 1 hrs. Corequisite for BSC 418.

419. Mammalogy. 2 hrs. Prerequisite: BSC 361 recommended. Morphology, taxonomy, life history, distribution, evolution, and adaptations of mammals.

419L. Mammalogy Laboratory. 1 hr. Corequisite for BSC 419.

421. Marine Invertebrate Zoology. 3 hrs. Prerequisite: 16 hrs. of biology, including general zoology. Morphology, distribution and ecology of the phyla from Protozoa through Protochordates. (May be taken as COA 428 or MAR 403.)

421L. Marine Invertebrate Zoology Laboratory. 3 hrs. Corequisite for BSC 421. (May be taken as COA 428L or MAR 403L.)

423. Science and Society: from Copernicus to the Bomb. 3 hrs. An interdisciplinary course designed for both science and liberal arts students. Traces the development of science and technology and their role in society from the Renaissance to the present. (May be taken as HIS 423 and HUM 423.)

424. Parasites of Marine Animals. 3 hrs. Prerequisite: Permission of instructor. Emphasis on morphology, taxonomy, life histories, and host-parasite relationships. (May be taken as COA 453 or MAR 404.)

424L. Parasites of Marine Animals Laboratory. 3 hrs. Corequisite for BSC 424. (May be taken as COA 453L or MAR 404L.)

425. Marine Phycology. 2 hrs. Prerequisites: General botany and plant taxonomy. A survey of the principal groups of marine algae. (May be taken as COA 433 or MAR 420.)

425L. Marine Phycology Laboratory. 2 hrs. Corequisite for BSC 425. (May be taken as COA 433L or MAR 420L.)

426. Introductory Mycology. 3 hrs. Prerequisite: Consent of instructor. Systematics, morphology, physiology, and ecology of fungi.

426L. Introductory Mycology Laboratory. 1 hr. Corequisite for BSC 426.

427. Introductory Phycology. 2 hrs. Prerequisite: Consent of instructor. Taxonomy, physiology, and biochemistry of the algae.

427L. Introductory Phycology Laboratory. 1 hr. Corequisite for BSC 427.

428. Plant Anatomy. 2 hrs. Prerequisite: Consent of instructor. A study of the anatomy of vascular plants.

428L. Plant Anatomy Laboratory. 1 hr. Corequisite for BSC 428.

429. Bryophytes and Vascular Plants. 3 hrs. Prerequisite: Consent of instructor. Life cycles, evolution, and morphology of bryophytes and vascular plants.

429L. Bryophytes and Vascular Plants Laboratory. 1 hr. Corequisite for BSC 429.

430. Aquatic and Marsh Plants. 2 hrs. Prerequisite: Consent of instructor. Collection, identification, and ecology of plants of fresh and brackish water.

430L. Aquatic and Marsh Plants Laboratory. 1 hr. Corequisite for BSC 430.

431. Plant Physiology. 3 hrs. Prerequisite: Organic chemistry. The basic physiological processes of green plants.

431L. Plant Physiology Laboratory. 1 hr.

432. Economic Botany. 2 hrs. Prerequisite: Consent of instructor. Origin, distribution, and significance of plants most important to man.

432L. Economic Botany Laboratory. 1 hr. Corequisite for BSC 432.

433. Taxonomy of Local Flora. 2 hrs. Prerequisites: BSC 110, 111. The classification of local flora.

433L. Taxonomy of Local Flora Laboratory. 1 hr. Corequisite for BSC 433.

434. Dendrology. 2 hrs. Prerequisites: BSC 110, 111. The taxonomic and ecological characteristics, and the distribution of trees.

434L. Dendrology Laboratory. 1 hr. Corequisite for BSC 434.

435. Plant Ecology. 3 hrs. Prerequisite: Advanced standing in botany. Relationship of plants to their environment.

435L. Plant Ecology Laboratory. 1 hr. Corequisite for BSC 435.

436. Conservation Biology. 3 hrs. Prerequisite: Advanced standing in botany and zoology or consent of instructor. The biology of plant and animal populations in human-generated environments, with emphasis on their long-term management.

436L. Conservation Biology Laboratory. 1 hr. Corequisite: BSC 436. Labs consist of six full-day field trips held on Saturday.

437. Coastal Vegetation. 2 hrs. Prerequisite: 10 hrs. of biology, including general botany. A study of general and specific aspects of coastal vegetation, with emphasis on local examples. (May be taken as COA 434 or MAR 421.)

437L. Coastal Vegetation Laboratory. 1 hr. Corequisite for BSC 437. (May be taken as COA 434L or MAR 421L.)

438. Salt Marsh Plant Ecology. 2 hrs. The botanical aspects of local marshes: includes plant identification, composition, and structure. (May be taken as COA 435 or MAR 422.)

438L. Salt Marsh Plant Ecology Laboratory. 2 hrs. Corequisite for BSC 438. (May be taken as COA 435L or MAR 422L.)

439. Marine Ecology. 3 hrs. Prerequisite: 16 hrs. of biology. The relationship of marine organisms to their environment. (May be taken as COA 446 or MAR 405.)

439L. Marine Ecology Laboratory. 2 hrs. Corequisite for BSC 439. (May be taken as COA 446L or MAR 405L.)

440. Ecology. 3 hrs. Prerequisites: BSC 110 and 111, or consent of instructor. The study of the relationships of organisms to their environment and to each other.

440L. Ecology Laboratory. 1 hr. Corequisite for BSC 440.

441. Population and Community Ecology. 2 hrs. Collection, analysis, and interpretation of data on natural populations and communities.

441L. Population and Community Ecology Laboratory. 1 hr. Corequisite for BSC 441.

442. Behavioral Ecology. 3 hrs. Prerequisites: BSC 455 and 440 recommended. The adaptive significance and evolution of behavior.

442L. Behavioral Ecology Laboratory. 1 hr. Corequisite: BSC 442.

443. Freshwater Biology. 3 hrs. Prerequisites: BSC 110 and 111, or consent of instructor. The study of the biota of ponds, lakes, rivers, and streams.

443L. Freshwater Biology Laboratory. 1 hr. Corequisite for BSC 443.

444. Limnology. 2 hrs. Prerequisites: BSC 110 and 111, or consent of instructor. The physical, chemical and biological dynamics of inland waters.

444L. Limnology Laboratory. 1 hr. Corequisite for BSC 444.

445. Introduction to Marine Biology. 3 hrs. Prerequisites: BSC 110, 111, 201. Marine biological regimes and the influence of geological, physical, and chemical oceanographic factors.

445L. Marine Biology Laboratory. 1 hr. Corequisite for BSC 445.

446. Aquaculture. 2 hrs. Prerequisites: 12 hours of biology and 8 hours of chemistry. Production of aquatic organisms in natural and artificial environments.

446L. Aquaculture Laboratory. 1 hr. Corequisite for BSC 446.

447. Marine Aquaculture. 3 hrs. Problems and procedures relating to the culture of commercially important crustaceans, fish, and mollusks. (May be taken as COA 424 or MAR 407.)

447L. Marine Aquaculture Laboratory. 3 hrs. Corequisite for BSC 447. (May be taken as COA 424L or MAR 407L.)

448. Fauna and Faunistic Ecology of Tidal Marshes. 2 hrs. Prerequisite: Consent of instructor. Taxonomy, distribution, trophic relationships, reproductive strategies and adaptation of tidal marsh animals. (May be taken as COA 447 or MAR 406.)

448L. Fauna and Faunistic Ecology of Tidal Marshes Laboratory. 3 hrs. Corequisite for BSC 448. (May be taken as COA 447L or MAR 406L.)

449. Marine Fisheries Management. 2 hrs. Prerequisite: Statistics recommended. A statistical review of the world fisheries. (May be taken as COA 416 or MAR 410.)

449L. Marine Fisheries Management Laboratory. 2 hrs. Corequisite for BSC 449. (May be taken as COA 416L or MAR 410L).

450. General Physiology. 3 hrs. Organismic function and the adaptations which characterize major animal groups.

451. Mammalian Physiology. 3 hrs. The functions of mammalian systems; interrelationships and regulation are emphasized.

452. Environmental Physiology. 3 hrs. Physiological adaptations enabling animals to meet environmental challenges.

453. Invertebrate Physiology. 3 hrs. Prerequisite: 12 hours of biology. A functional approach to the major invertebrate phyla.

454L. Physiology Laboratory. 2 hrs. Experimental techniques in physiology. To be taken once only, as an optional laboratory with BSC 450, BSC 451, BSC 452, or BSC 453.

455. Animal Behavior. 3 hrs. Prerequisite: BSC 201. Classical and current concepts of animal behavior including individual and social behavioral patterns.

455L. Animal Behavior Laboratory. 1 hr. Corequisite: BSC 455. Experimental and observational techniques in behavior.

456L. Laboratory Techniques in Behavioral Neuroscience. 3 hrs. Prerequisite: Consent of instructor. Experimental techniques in neurophysiology, neuropharmacology, and behavioral research. (May be taken as PSY 427L.)

458. Marine Ichthyology. 3 hrs. Prerequisite: 16 semester hours of biology including comparative anatomy or consent of instructor. Marine fishes including evolutionary relationships, morphology, physiology,a nd zoogeography. May be taken as COA 421 or MAR 408.

458L. Marine Ichthyology Lab. 3 hrs. Corequisite for BSC 458. May be taken as COA 421L or MAR 408L.

459. Marine Mammals. 3 hrs. 12 semester hours of biology including MAR 301 or Marine Ichthyology or permission of instructor. Natural history and population ecology of cetaceans. Will include life history, distribution, population dynamics, diet and feeding, social behavior, evolution and zoogeography. May be taken as COA 443 or MAR 423.

459L. Marine Mammals laboratory. 2 hrs. Corequisite for BSC 459. May be taken as COA 443L or MAR 423L.

460. Pharmacology. 3 hrs. Prerequisites: Vertebrate biology and organic chemistry. The response of living organisms to drugs.

461. Histology. 4 hrs. Prerequisite: 12 hours of biology. Microscopic anatomy of mammalian organ systems.

461L. Histology Laboratory. Corequisite for BSC 461; no separate credit given for the laboratory.

462. Microtechnique. 1 hr. Techniques for sectioning, mounting, and staining tissue and making whole amounts.

462L. Microtechnique Laboratory. 2 hrs. Corequisite for BSC 462.

463. Pathobiology. 2 hrs. Prerequisite: BSC 461. Principles of histopathology in vertebrates.

463L. Pathobiology Laboratory. 1 hr. Corequisite for BSC 463.

465. Embryology. 2 hrs. Prerequisite: Consent of instructor. Maturation, fertilization, cleavage, histogenesis, and organogenesis.

465L. Embryology Laboratory. 2 hrs. Corequisite for BSC 465.

466. Human Embryology. 3 hrs. Factors which activate or regulate developmental processes.

467. Diseases of Aquatic Animals. 2 hrs. Prerequisites: BSC 110, 111. Bacterial, fungal, viral and parasitic diseases of freshwater and marine fish, shellfish and crustacea.

467L. Diseases of Aquatic Animals Laboratory. 2 hrs. Corequisite for BSC 467.

468. Comparative Histology of Marine Organisms. 3 hrs. Histology of Marine organisms, including tissue processing techniques. (May be taken as COA 456 or MAR 430.)

468L. Comparative Histology of Marine Organisms Laboratory. 3 hrs. Corequisite for BSC 468. (May be taken as COA 456L or MAR 430L.)

469. Developmental Biology. 3 hrs. A comprehensive survey of the experimental, genetic, and molecular analysis of processes that occur during the development of complex organisms.

471. Advanced Genetics. 2 hrs. Prerequisite: BSC 370. A continuation of BSC 370.

471L. Advanced Genetics Laboratory. 2 hrs. Corequisite for BSC 471. Laboratory exercises to illustrate basic genetic principles.

475. Medical Genetics. 3 hrs. The basic principles of human genetics with emphasis on the causation of abnormality and disease. Cannot be substituted for BSC 370.

476. Molecular Biology. 3 hrs. Prerequisite: BSC 370 or 477. Molecular biology of viral, prokaryotic and eukaryotic systems.

477. Microbial Genetics. 3 hrs. Prerequisite: BSC 370. The genetics and molecular biology of microorganisms and bacteriophages.

477L. Microbial Genetics Laboratory. 1 hr. Corequisite for BSC 477.

478L. Molecular Biology Laboratory. 4 hrs. Prerequisite: BSC 476 or BSC 477, or permission of the instructor. The paradigms of molecular biology in a laboratory setting.

479. Applications of Biotechnology in Marine Biology. 3 hrs. Prerequisites: BSC 110, 111, 201, CHE 106, 107, 255, 256; CHE 420 or 421, 422 recommended or permission of instructor. Basic biochemical and molecular techniques used to conduct research in marine biology. (May be taken as COA 465.)

479L. Applications of Biotechnology in Marine Biology Laboratory. 3 hrs. Corequisite for BSC 479. (May be taken as COA 465L.)

481. Pathogenic Microbiology. 3 hrs. Prerequisites: BSC 370, BSC 380, and BSC 476 or 477 or permission of instructor. The molecular mechanisms of microbial pathogenesis, emphasizing the major groups of disease-producing microorganisms.

481L. Pathogenic Microbiology Laboratory. 1 hr. Corequisite for BSC 481.

482. Advanced Pathogenic Microbiology. 2 hrs. Continuation of BSC 481.

482L. Advanced Pathogenic Microbiology Laboratory. 2 hrs. Corequisite for BSC 482.

484. Virology and Tissue Culture. 3 hrs. Viral classification, replication, and molecular biology.

484L. Virology and Tissue Culture Laboratory. 1 hr. Basic and applied tissue culture techniques.

485. Viral Pathogenesis and Diagnosis. 3 hrs. Host-viral interaction from a pathological and immunological viewpoint.

485L. Viral Pathogenesis and Diagnosis Laboratory. 1 hr. Corequisite for BSC 485. Principles of viral serology and isolation.

486. Immunology and Serology. 3 hrs. A study of the cellular, chemical, and genetic mechanisms of the immune response.

486L. Immunology and Serology Laboratory. 1 hr. Corequisite: BSC 486. A laboratory introduction to cellular and serologic immune reactions and their diagnostic usefulness.

487. Microbial Physiology. 3 hrs. A comprehensive survey of bacterial structure, nutrition, and biochemistry.

487L. Microbial Physiology Laboratory. 1 hr. Corequisite for BSC 487.

488. Food Microbiology. 2 hrs. Microorganisms affiliated with the preparation, spoilage, pathogenicity, and sanitation of foods.

488L. Food Microbiology Laboratory. 2 hrs. Corequisite for BSC 488.

489. Environmental Microbiology. 3 hrs. Microbiology of water/air/soil; bioremediation.

489L. Environmental Microbiology Laboratory. 1 hr.

490. Marine Microbiology. 3 hrs. Prerequisite: General Microbiology. An introduction to the role of microorganisms in the overall ecology of the oceans and estuaries. (May be taken as COA 471 or MAR 409.)

490L. Marine Microbiology Laboratory. 2 hrs. Corequisite for BSC 490. (May be taken as COA 471L or MAR 409L.)

492. Special Problems I, II, III. 1-6 hrs. A course in library and/or laboratory research selected in consultation with the adviser. (Students undertaking a Senior Honors Project will enroll in BSC H492.)

495. Application of Basic Concepts for Secondary School. 3 hrs. Prerequisite: Admission to Teacher Education Program and permission of instructor. Techniques and methods in teaching biology integrating the implications of science, technology, and society.

495L. Application of Basic Concepts for Secondary School Laboratory. 2 hrs. Corequisite for BSC 495. Laboratory experiments and field experiences in secondary school biology teaching.

496. Undergraduate Seminar I, II, III. 1 hr. The presentation and discussions of current biological topics.

497. Senior Practicum. 1 hr. Prerequisite: Advanced senior standing and permission of instructor. Exercises and experiences to evaluate and develop or improve selected key professional skills. (All Biological Sciences majors must register for this course during their last academic year semester before graduation.)

BUSINESS ADMINISTRATION (BA)

(Enrollment in courses numbered 300 or above requires at least junior standing.)

100. Introduction to Business. 3 hrs. An introductory course to the major aspects of the business world. Not open to juniors and seniors enrolled in the College of Business Administration. (CC 1113)

200. The Legal Environment of Business. 3 hrs. The study of the legal, political, and regulatory environment in which businesses operate. (CC 2413)

300. Business Administration Junior Seminar. 1 hr. Prerequisite: Junior standing in Business Administration. Topic related to career planning as well as to student success and opportunities in the College of Business Administration.

301. Managerial Statistics I. 3 hrs. Prerequisites: MAT 102, MIS 201, and MIS 202. Basic concepts: central tendency and dispersion; probability; binomial, Poisson, and normal distributions; estimation; hypothesis testing; analysis of variance.

303. Regression Analysis. 1.5 hrs. Prerequisite: BA 301. Continuation of BA 301. The use of regression analysis for managerial decision making.

400. Business Administration Senior Seminar. 1.5 hrs. Prerequisite: Senior standing in Business. A study of one or more current business issues.

411. Advanced Business Law. 3 hrs. Prerequisite: BA 200. A study of selected legal topics relating to credit, financial, and accounting practices.

BUSINESS TECHNOLOGY EDUCATION (BTE)

101. Keyboarding for Information Processing. 3 hrs. Development of basic keyboarding skills useful to a broad spectrum of individuals and disciplines. Designed to enhance the individual's potential for efficient processing of both words and data on the computer.

102. Intermediate Typewriting and Introduction to Word Processing. 3 hrs. *See prerequisite below. Ability to type by touch. A thorough review of manipulative input devices with an emphasis on formatting. Letter styles, manuscripts, and tabulations are covered, utilizing industry-current software.

200. Introduction to Business Communication. 3 hrs. Basic mechanics of grammar usage and punctuation for business communications.

201. College Notetaking. 3 hrs. Theory principles; emphasis on fluency of reading and writing; some dictation and transcription. Laboratory included. (JC 1213)

202. Advanced Notetaking. 3 hrs. *See prerequisite below. Review of alphabetic or machine shorthand principles with emphasis on advanced recording techniques, pre- transcription factors, and transcription activities.

310. Advanced Word Processing. 3 hrs. *See prerequisite below. Advanced production and editing of documents with emphasis on speed and accuracy; completion of simulation projects using industry-current software.

452. History and Philosophy of Vocational Education. 3 hrs. History, concepts, office occupations, employment opportunities, procedures, and techniques.

453. Techniques of Coordination. 3 hrs. Techniques and procedures used in coordinating office occupations programs and distributive education programs.

454. Methods in Teaching Marketing Education. 3 hrs. Principles, concepts, program plans, curricula, methods and instructional materials, activities, research, and evaluation.

455. Organization and Administration of Distributive Education. 3 hrs. Basic problems, objectives, and characteristics of DE programs as applied in their development.

456. Methods in General and Vocational Business Education. 3 hrs. Preparation of prospective business teachers for certification in intensive business training and vocational office training.

461. Information Processing I. 3 hrs. Microcomputer knowledge and skill development via document production utilizing integrated software (word processing, database, chart/spreadsheet, communication), in conjunction with the Macintosh Operating System.

463. Information Processing II. 3 hrs. Microcomputer knowledge and skill development through the production of documents and business/technical presentations utilizing integrated and presentation software within the MS DOS or windows environment.

465. Microcomputer Applications in Business Technology Education. 3 hrs. Skill development in use of multiple software packages appropriate to teaching and managing technology education.

467. Desktop Publishing and Presentation Graphics. 3 hrs. Prerequisite: Any 3 hr. computer course or permission of instructor. Office based microcomputer production of typeface/graphics enhanced media, designed to be both pleasing in appearance and effective in communication.

469. Computer Based Instructional Technology. 3 hrs. Prerequisite: Any 3 hr. computer course or permission of instructor. Interactive instructional design and applications. Introduction to hypermedia tools, authoring systems, CAI software reviews/evaluations, and hands-on interactive module production.

475. Legal Secretaryship. 3 hrs. A course stressing the professional aspects of legal practices, procedures, and terminology.

477. Medical Transcription. 3 hrs. Emphasis on medical terminology, records, and forms, with limited transcription.

478. Advanced Medical Transcription. 3 hrs. Prerequisite: BED 477. Emphasis on additional medical terminology, with increased emphasis on transcription.

479. Review for the Certified Professional Secretary Examination. 3 hrs. Prerequisites: Typewriting skill. A course to prepare persons for the Certified Professional Secretary Examination. Not to be counted toward any degree at The University of Southern Mississippi.

480. Organizational Communication. 3 hrs. Prerequisites: ENG 101, 102, and junior standing. A study of communication in business organizations and the application of theory and methodology with emphasis on writing letters and reports.

485. Administrative Office Management and Procedures. 3 hrs. Prerequisite: Junior standing. A study of the management of the electronic office emphasizing computerized office procedures.

492. Special Problems in Business Education. 1-3 hrs. Study approved and directed by the department chair. (Students undertaking a Senior Honor Project will enroll in BED H492.)

493. Student Teaching in Business Technology Education. 7 hrs. Prerequisites: All courses required for major. Supervised field-based experience in secondary business technology education. Repeatable to 14 hours.

*Prerequisite for all typewriting and shorthand courses—Grade of C or better in the preceding course or equivalent coursework.

CHEMISTRY AND BIOCHEMISTRY (CHE)

100. Introductory Chemistry. 3 hrs. A preparatory course (for CHE 106) in chemical fundamentals; does not satisfy core requirements in any academic college.

104. Chemistry, Principles and Applications. 3 hrs. For nonscience majors. Emphasis on the impact of chemical discovery and technology on the individual and society. This course satisfies the Science Core Requirement except in the College of Science and Technology and the Schools of Nursing and Family and Consumer Sciences. Concurrent registration in CHE 104L is required.

104L. Chemistry, Principles and Applications Laboratory. 1 hr. A laboratory designed to accompany CHE 104. Concurrent registration in CHE 104 is required.

106. General Chemistry I. 3 hrs. Prerequisites: High school chemistry and a passing score on a placement exam (given first week of class) or a C or better in CHE 100. Molecular structure, stoichiometry, the mole concept, gases, types of solutions, energy-enthalpy. Concurrent registration in CHE 106L is required. (CC 1213, 1214, 1215)

106L. General Chemistry I Laboratory. 1 hr. A laboratory designed to accompany CHE 106. Concurrent registration in CHE 106 is required. (CC 1211)

107. General Chemistry II. 3 hrs. Prerequisites: CHE 106, 106L. Kinetics, equilibria, thermodynamics, electrochemistry, nuclear chemistry, coordination compounds. Concurrent registration in CHE 107L is required. (CC 1223, 1224, 1225)

107L. General Chemistry II Laboratory. 1 hr. A laboratory designed to accompany CHE 107. Concurrent registration in CHE 107 is required. (CC 1221)

251. Elementary Organic Chemistry. 3 hrs. Prerequisite: CHE 106, 106L. A course which includes nomenclature and reactions of aliphatic and aromatic hydrocarbons, acids, aldehydes, ketones, and amines, and stereochemistry. Concurrent registration in CHE 251L is required. (CC 2413, 2414)

251L. Elementary Organic Chemistry Laboratory. 1 hr. A laboratory designed to accompany CHE 251. Concurrent registration in CHE 251 is required. (CC 2411)

255. Organic Chemistry. 3 hrs. Prerequisite: CHE 107, 107L. Aliphatic compounds: nomenclature, reaction mechanisms, stereochemistry. Concurrent registration in CHE 255L is required. (CC 2423, 2424, 2425)

255L. Organic Chemistry Laboratory. 1 hr. A laboratory designed to accompany CHE 255. Concurrent registration in CHE 255 is required. (CC 2421, 2422)

256. Organic Chemistry. 3 hrs. Prerequisite: CHE 255, 255L. Aromatic compounds, acids, acid derivatives, aldehydes, ketones, amines, phenols, and spectroscopic analysis. Concurrent registration in CHE 256L is required. (CC 2433, 2434, 2435)

256L. Organic Chemistry Laboratory. 2 hrs. A laboratory designed to accompany CHE 256. Concurrent registration in CHE 256 is required. (CC 2431, 2432)

300. Chemical Safety. 3 hrs. Prerequisite: CHE 251, 251L or 256, 256L or permission of the instructor. Hazards of various commonly used chemicals. Includes 3 hours of laboratory per week.

311. Analytical Chemistry. 3 hrs. Prerequisite: CHE 107, 107L. Chemical equilibrium. Gravimetric and columetric analysis. Introductory instrumental analysis. Concurrent registration in CHE 311L is required.

311L. Analytical Chemistry Laboratory. 2 hrs. A laboratory designed to accompany CHE 311. Concurrent registration in CHE 311 is required.

331. Descriptive Inorganic Chemistry. 2 hrs. Prerequisites: CHE 256, 256L. Chemistry of the elements emphasizing the synthesis, structure, reactions and periodic trends of inorganic compounds.

400. Chemical Literature. 2 hrs. Prerequisite: CHE 256, 256L. The selection and use of the reference materials of chemistry (periodicals, journals, texts, patents, etc.), and the development of writing skills.

404. Spectral Elucidation of Structure. 3 hrs. Prerequisites: CHE 256, 256L and 311, 311L. Applications of vibrational, electronic, nuclear magnetic resonance, and mass spectrometry to structure determination.

409. Chemistry Laboratory Teaching. 1 hr. Prerequisite: Permission of instructor. Instruction and practice for teaching assistants in the academic chemistry laboratory.

410. Safety Principles and Procedures in the Chemical Sciences. 1 hr. Prerequisite: CHE 256, 256L or permission of instructor. Common laboratory hazards and their remediation. (May be taken as PSC 410.)

411. Instrumental Analysis. 3 hrs. Prerequisite: CHE 461, 461L. Pre- and co-requisite: CHE 462, 462L. Theory and practice of instrumental methods of analysis; absorption spectroscopy, chromatography, magnetic resonance, mass spectroscopy, electro-metric methods and fundamental electronics. Concurrent registration in CHE 411L is required.

411L. Instrumental Analysis Laboratory. 1 hr. A laboratory designed to accompany CHE 411. Concurrent registration in CHE 411 is required.

420. Principles of Biochemistry. 3 hrs. Prerequisite: CHE 251, 251L or equivalent. A one-semester course covering the fundamentals of biochemistry.

420L. Principles of Biochemistry Laboratory. 1 hr. A laboratory designed to accompany CHE 420. Concurrent registration in CHE 420 is required.

421. Biochemistry I. 3 hrs. Prerequisite: CHE 256, 256L. The properties of amino acids, proteins, carbohydrates, lipids, and nucleic acids; actions of enzymes and protein synthesis.

421L. Biochemistry I Laboratory. 2 hrs. An optional laboratory course to accompany CHE 421. Concurrent registration in CHE 421 is required.

422. Biochemistry II. 3 hrs. Prerequisite: CHE 421. Major metabolic pathways with emphasis on energy considerations and interrelationships of the pathways.

422L. Biochemistry II Laboratory. 2 hrs. Prerequisite: CHE 421L. A continuation of CHE 421L. Concurrent registration in CHE 422 is required.

423. Analytical Biochemistry. 3 hrs. Prerequisite: CHE 421. A survey of methods used by biochemists to detect and characterize biologically important molecules.

431. Inorganic Chemistry. 3 hrs. Prerequisite: CHE 461, 461L, 462, 462L. Electronic state transitions and spectra, coordination chemistry, reaction kinetics and mechanisms, special topics.

431L. Inorganic Chemistry Laboratory. 1 hr. A laboratory designed to accompany CHE 431. Concurrent registration in CHE 431 is required.

461. Physical Chemistry. 3 hrs. Prerequisites: CHE 256, 256L, 311, 311L; PHY 202 or 112, and MAT 168 or 178. Chemical thermodynamics. Concurrent registration in CHE 461L is required.

461L. Physical Chemistry Laboratory. 1 hr. A laboratory designed to accompany CHE 461. Concurrent registration in CHE 461 is required.

462. Physical Chemistry. 3 hrs. Prerequisites: CHE 256, 256L, 311 311L; PHY 202 or 112; MAT 168 or 178. Kinetics and quantum chemistry. Concurrent registration in CHE 462L is required.

462L. Physical Chemistry Laboratory. 1 hr. A laboratory designed to accompany CHE 462. Concurrent registration in CHE 462 is required.

470. Survey of Toxicology. 3 hrs. Prerequisite: CHE 256. A one semester survey course in toxicology.

471. Teaching Chemistry in the Secondary School. 3 hrs. Prerequisites: CHE 256, 256L, 311, 311L. Application of chemical knowledge to designing, developing, and assessing instruction. Concurrent registration in CHE 471L is required.

471L. Laboratory for Teaching Chemistry in the Secondary School. 1 hr. A laboratory designed to accompany CHE 471. Concurrent registration in CHE 471 is required.

492. Special Projects. 1-3 hrs. Prerequisites: CHE 256, 256L and permission of instructor. Highly recommended: CHE 410. A special project performed under the direction of a faculty advisor and terminated by a formal written report. May be repeated once for credit. (Students undertaking a Senior Honors Project will enroll in CHE H492).

494. Industrial Internship in Chemistry. 3 hrs. Prerequisite: Permission of faculty. Structured experience in chemical industry. Includes final report. May be substituted for CHE 496.

496. Research. 1-3 hrs. Prerequisite: CHE 461, 461L, 462, 462L and permission of instructor. Highly recommended: CHE 410. A senior level research problem performed under the direction of a faculty adviser and terminated by a formal written report. May be repeated once for credit. (Students undertaking a Senior Honors Project will enroll in CHE H496.)

CHILD DEVELOPMENT (CD)

150. Child and Family in the Community. 3 hrs. Explores the influence of environmental, psychological, cultural, and societal factors on the growth and development of young children within the family.

350. Child Development. 2 hrs. Co-requisite: CD 350L. Designed to present theory, research, and practice concerning the physical, cognitive, emotional, and social development of children.

350L. Child Development Laboratory. 1 hr. Co-requisite: CD 350. A laboratory designed to develop an understanding of the development and behavior patterns of preschool children through observation of children in classroom settings.

352. Behavior and Guidance of the Young Child. 2 hrs. Co-requisite: CD 352L. Developmental behavior patterns and guidance principles for young children.

352L. Behavior and Guidance of the Young Child Laboratory. 1 hr. Co-requisite: CD 352. A laboratory for the study of developmental behavior patterns and principles of guiding the behavior of young children.

359. Preschool Teachers' Workshop I, II, III. 1 hr. For teachers, administrators, and educational leaders of early childhood centers with emphasis on administration, curriculum, and other appropriate subjects.

378. The Hospitalized Child. 3 hrs. Prerequisites: CD 350 and 350L; CD 453 and CD 453L or permission of instructor. Overview of the role of the Child Life Specialist in working with children and their families in a hospitalized setting, with emphasis on both theory and practice.

450. Administration of Programs for Preschool Children. 3 hrs. Prerequisite: 3 hrs. in Child Development. Evaluation of policies and procedures, organizational structure, and management will be emphasized.

451. Infant Development. 2 hrs. Co-requisite: CD 451L. Emphasis is given to the development and behavior of the infant and toddler.

451L. Infant Development Laboratory. 1 hr. Co-requisite: CD 451. A laboratory for studying the growth, development, and behavior of infants and toddlers.

452. Child Development Methods and Materials. 2 hrs. Co-requisites: CD 452L; Prerequisites: CD 350, CD 350L, CD 352, CD 352L, CD 453, CD 453L. Evaluation and selection of materials used in developing teaching techniques and program planning in early childhood.

452L. Child Development Methods and Materials Laboratory. 1 hr. Co-requisites: CD 452. A laboratory for evaluating and selecting materials, developing teaching techniques, and planning programs for young children.

453. Creativity in Young Children. 2 hrs. Co-requisite: CD 453L. A study of creative activities for young children.

453L. Creativity in Young Children Laboratory. 1 hr. Co-requisite: CD 453. A laboratory for the study and application of developmentally appropriate creative activities for young children.

455. Supervised Participation. 6 hrs. Prerequisite: CD 452 and CD 452L. Directed participation in programs for young children.

456. Internship in Child Life. 9 hrs. Prerequisites: CD 378, 492, and permission of adviser. Understanding the operation of a child life program through a supervised work experience in a cooperating hospital.

477. Developmental Disabilities in Early Childhood. 3 hrs. Overview of contributing factors to atypical early development, identification and management of at-risk conditions, legal/ethical issues, and legislation/litigation.

478. Specialized Studies in Developmental Disabilities. 1-6 hrs. (var) Specialized study and skill acquisition in the area of developmental disabilities. Topics vary.

492. Special Problems in Child Development. 1-4 hrs. Prerequisites: CD 350 and consent of instructor. (Students undertaking a Seniors Honors Project will enroll in CD H492.)

497. Professional Collaboration for Developmental Disability Services. 3 hrs. Prerequisite: Upper level undergraduate students only. Study of the interdependent contributions of relevant disciplines in training, service, and research.

498. Families of the Developmentally Disabled. 3 hrs. Interdisciplinary approach to the study of families of the developmentally disabled.

COASTAL SCIENCES (COA)

300. Marine Science I: Oceanography. 3 hrs. Prerequisites: college algebra, 8 hours of chemistry and 8 hours biological sciences. For upper division science majors. An introduction to biological, chemical, geological, and physical marine sciences. May be taken as MAR 300.

300L Marine Science I Laboratory. 2 hrs. Corequisite for COA 300. A laboratory for COA 300. May be taken as MAR 300L.

301. Marine Science II: Marine Biology. 3 hrs. Prerequisites: 8 hours of biological sciences. An introduction to marine biology with emphasis on local fauna and flora. May be taken as MAR 301.

301L Marine Science II Laboratory. 2 hrs. Corequisite for COA 301. May be taken as MAR 301L.

405. Marine Chemistry. 3 hrs. Prerequisite: Permission of instructor. Sea water chemistry and cycles and their impact on the marine environment. May be taken as MAR 441.

405L. Marine Chemistry Laboratory. 1 hr. Corequisite: COA 405. A laboratory for COA 405. May be taken as MAR 441L.

406. Environmental Estuarine Chemistry. 3 hrs. Prerequisites: BSC 111, CHE 2566, MAT 179, or permission of instructor. Corequisite: COA 406L. Sources, reactions, transport, fate and effects of environmental chemical species in aquatic environments with special emphasis on estuaries. May be taken as MAR 443.

406L. Environmental Estuarine Chemistry Laboratory. Corequisite: COA 406. A laboratory for COA 406. May be taken as MAR 443L.

409. Coastal Marine Geology. 3 hrs. Prerequisites: 6 hours in geology. Inshore and nearshore geological processes, sedimentation patterns, and land forms. May be taken as MAR 482.

416. Marine Fisheries Management. 2 hrs. Prerequisite: Consent of instructor. An overview of practical marine fishery management problems. May be taken as BSC 449 or MAR 410.

416L. Marine Fisheries Management Laboratory. 2 hrs. Corequisite: COA 416. May be taken as BSC 449L or MAR 410L.

421. Marine Ichthyology. 3 hrs. Prerequisite: 16 hours of biology. Marine fishes including evolutionary relationships, morphology, physiology, and zoogeography. May be taken as BSC 458 or MAR 408.

421L. Marine Ichthyology Laboratory. 3 hrs. Corequisite: COA 421. A laboratory for COA 421. May be taken as BSC 458L or MAR 408L.

424. Marine Aquaculture. 3 hrs. Problems and procedures relating to the culture of commercially important crustaceans, fish, and mollusks. May be taken as BSC 447 or MAR 407.

424L. Marine Aquaculture Laboratory. 3 hrs. Corequisite: COA 424. A laboratory for COA 424. May be taken as BSC 447L or MAR 407L.

428. Marine Invertebrate Zoology. 3 hrs. Prerequisites: 16 hours of biology. Morphology, distribution, and ecology of the phyla Protozoa through Protochordates. May be taken as BSC 421 or MAR 403.

428L Marine Invertebrate Zoology Laboratory. 3 hrs. Corequisite for COA 428. A laboratory for COA 428. May be taken as BSC 421L or MAR 403L.

433. Marine Phycology. 2 hrs. Prerequisite: 10 hours of biology including botany. A survey, based upon local examples, of the principal groups of marine algae. May be taken as BSC 425 or MAR 420.

433L. Marine Phycology Laboratory. 2 hrs. Corequisite: COA 433. A laboratory for COA 433. May be taken as BSC 425L or MAR 420L.

434. Coastal Vegetation. 2 hrs. Prerequisite: 10 hours of biology, including general botany. A study of general and specific aspects of coastal vegetation, with emphasis on local examples. May be taken as BSC 437 or MAR 421.

434L. Coastal Vegetation Laboratory. 1 hr. Corequisite: COA 434. A laboratory for COA 434. May be taken as BSC 437L or MAR 421L.

435. Salt Marsh Plant Ecology. 2 hrs. The botanical aspects of local marshes; includes plant identification, composition, and structure. May be taken as BSC 438 or MAR 422.

435L Salt Marsh Plant Ecology Laboratory. 2 hrs. Corequisite for COA 435. A laboratory for COA 435. May be taken as BSC 438L or MAR 422L.

443. Marine Mammals. 3 hrs. Prerequisites: 16 hours of biological sciences or permission of instructor. Corequisite: COA 443L. Course will emphasize natural history and population ecology of cetaceans. Will include life history, distribution, population dynamics, diet and feeding, social behavior, evolution, and zoogeography. May be taken as BSC 459 or MAR 423.

443L Marine Mammals Laboratory. 2 hrs. Corequisite for COA 443. A laboratory for COA 443. May be taken as BSC 459L or MAR 423L.

446. Marine Ecology. 3 hrs. Prerequisites: 16 hours of biological sciences. The relationship of marine organisms to their environment. May be taken as BSC 439 or MAR 405.

446L Marine Ecology Laboratory. 2 hrs. Corequisite COA 446. A laboratory for COA 446. May be taken as BSC 439L or MAR 405L.

447. Fauna and Faunistic Ecology of Tidal Marshes. 2 hrs. Prerequisite: Consent of instructor. Taxonomy, distribution, trophic relationships, reproductive strategies, and adaptations of tidal marsh animals. May be taken as BSC 448 or MAR 406.

447L Fauna and Faunistic Ecology of Tidal Marshes Laboratory. 3 hrs. Corequisite for COA 447.A laboratory for COA 447. May be taken as BSC 448L or MAR 406L.

453. Parasites of Marine Animals. 3 hrs. Prerequisite: Consent of instructor. Emphasis on morphology, taxonomy, life histories, and host-parasite relationships. May be taken as BSC 424 or MAR 404.

453L Parasites of Marine Animals Laboratory. 3 hrs. Corequisite for COA 453. A laboratory for COA 453. May be taken as BSC 424L or MAR 404L.

456. Comparative Histology of Marine Organisms. 3 hrs. Histology of marine organisms, including tissue processing techniques. May be taken as BSC 468 or MAR 430.

456L Comparative Histology of Marine Organisms Laboratory. 3 hrs. Corequisite for COA 456. A laboratory for COA 456. May be taken as BSC 468L or MAR 430L.

465. Applications of Biotechnology in Marine Biology. 3 hrs. Prerequisites: BSC 110, 111, 201, CHE 106, 107, 255, 256; CHE 420 or 421, 422 recommended or permission of instructor. Basic biochemical and molecular techniques used in to conduct research in marine biology. May be taken as BSC 479.

465L Applications of Biotechnology in Marine Biology Laboratory. 3 hrs. Corequisite for COA 465. May be taken as BSC 479L.

471. Marine Microbiology. 3 hrs. Prerequisites: General Microbiology. An introduction to the role of microorganisms in the overall ecology of the oceans and estuaries. May be taken as BSC 490 or MAR 409.

471L Marine Microbiology Laboratory. 3 hrs. Corequisite for COA 471. A laboratory for COA 471. May be taken as BSC 490L or MAR 409L.

485. Marine Science for Elementary Teachers. 3 hrs. Prerequisite: Permission of instructor. May be taken as MAR 458 or SCE 435.

486. Coastal Ecology for Teachers. 3 hrs. Prerequisite: Permission of instructor. Corequisite: COA 486L. Designed to provide teachers with a background in basic coastal ecology.May be taken as MAR 459.

486L Coastal Ecology for Teachers Laboratory. 1 hr. Corequisite for COA 486. May be taken as MAR 459L.

487. Techniques in Marine Science Education. 3 hrs. Marine resources of Mississippi. May be taken as MAR 456.

488. Marine Science for Teachers. 3 hrs. Prerequisites: COA 487/MAR 456 or permission of instructor. May be taken as MAR 457 or SCE 457. Advanced topics in marine science.

491. Special Topics in Coastal Sciences. 1-6 hrs. Prerequisite: Consent of instructor. Directed study in an area for which no formal courses are offered.

492. Special Problems I, II, III in Coastal Sciences. 1-6 hrs. Prerequisite: Consent of instructor. A course in library and/or research selected in consultation with the instructor.

COMMUNITY HEALTH SCIENCES (CHS)

101. Personal Wellness. 3 hrs. An examination of the relationships of various lifestyle components to various levels of wellness. (CC 1213)

210. Introduction to Health Education. 3 hrs. A study of the health education profession, specialties, manpower, and philosophies.

310. Practicum in School Health. 1 hr. A course designed to relate theory to practical experience in a public school setting.

321. Community Health. 3 hrs. Introduction to community health practices, professional standards, policy and functioning of health agencies.

341. Safety. 3 hrs. Accident problems, safety programs, and methods of prevention.

408. Health Education Methods. 3 hrs. A survey of teaching methods that are appropriate for health education program delivery.

409. Community Health Education Planning. 3 hrs. Prerequisite: CHS 210. Diagnostic phases preceding program development, skills in planning, organization, and implementation of health education programs in the community.

410. School Health Education Planning. 3 hrs. Diagnostic phases preceding program development, skills in planning, organization, and implementation of school health education programs.

411. Health Education Curriculum for Secondary Schools. 3 hrs. Varieties of curriculum organization, scope and sequence, survey of education content, facilities and equipment.

412. Measurement and Evaluation in Health Education. 3 hrs. A survey of evaluation instruments for appraising and interpreting health data.

414. Consumer Health. 3 hrs. Prerequisite: CHS 210 or permission of instructor. A survey of consumer problems related to health misconceptions, choosing health services, medical quackery, and advertising of health products.

415. School Health Program. 3 hrs. Prerequisites: CHS 410, 412. Health issues related to the comprehensive school health program.

420. Communicable and Chronic Disease in Man. 3 hrs. Prerequisites: CHS 101 or permission of instructor. Problems, control, and prevention of communicable and chronic disease in modern society.

421. Sanitation. 3 hrs. Prerequisites: CHS 210 or permission of instructor. Sanitation in the home and school, in food production, water supply, waste, and excreta disposal.

422. Drugs and the Whole Person. 3 hrs. Prerequisite: CHS 101 or permission of instructor. Psychosocial, medical, legal, and health aspects of drugs and their abuse.

425. Health Administration. 3 hrs. An introduction to health program administration including organization, financing, delivery systems, and manpower development.

427. Health Policy. 3 hrs. The role of the health professional in the development of public health policy, influencing social policy, and planning for social change.

430. Human Sexuality. 3 hrs. Physical, emotional, and social aspects of human sexuality.

431. Sexuality Education. 3 hrs. Prerequisites: CHS 210 or permission of instructor. Theory, methods, materials for planning, organizing, and implementing sexuality in school and community settings.

432. Introduction to Epidemiology. 3 hrs. Concepts and methods of epidemiology as applied to a variety of health related problems.

436. Stress Management Techniques. 3 hrs. Prerequisite: CHS 210 or permission of instructor. To acquaint students with educational programming related to stress management with specific techniques to manage stress.

437. Health Education in Clinical Settings. 3 hrs. Analysis of the role, methods, and technology of health education pertaining to health care clinics and patient education.

438. Workplace Health Promotion. 3 hrs. Study of health education theory and practice as applied to occupational health.

440. Introduction to Biostatistics. 3 hrs. Introduction to statistical analysis in health related fields. Application of descriptive and inferential statistics, measures in epidemiology and health services research.

460. Long Term Care Policy and Administration. 3 hrs. Introduction to Long Term Care Policy and Administration involving public and private programs and practice of health care for the elderly and special populations.

470. Health Law and Justice. 3 hrs. Prerequisite: CHS 425 or permission of instructor. An examination of social and legal principles impacting health care delivery in the U.S.

477. Developmental Disabilities in Early Childhood. 3 hrs. Overview of contributing factors to atypical early development, identification and management of at-risk conditions, legal/ethical issues, and legislation/litigation.

478. Specialized Studies in Developmental Disabilities. 1-6 hrs. Specialized study and skill acquisition in the area of developmental disabilities. Topics vary.

490. Special Topics. 1-3 hrs. A comprehensive study of a selected health science area in which students will evaluate current state of knowledge and apply theory and concepts to construct strategies within their own professional area.

492. Special Problems. 1-6 hrs. Requires permission of instructor. A student originated problem, research plan, and reporting of results, with guidance of a chosen adviser.

493. Practicum. 6 hrs. Prerequisite: CHS 437 or 438. Available to community health services majors only. Practical experience in the delivery of health education and administration programs.

494. Student Teaching in Health Education. 7 hrs. Supervised field-based internship in middle and secondary health education.

495. Student Teaching in Health Education. 7 hrs. Supervised field-based internship in middle and secondary health education.

497. Professional Collaboration for Developmental Disability Services. 3 hrs. Prerequisite: Upper level undergraduate students only. Study of the interdependent contributions of relevant disciplines in training, service, and research.

498. Families of Developmentally Disabled. 3 hrs. Interdisciplinary approach to the study of the developmentally disabled.

499. British Studies. 3-6 hrs. Involves variable topics. Lectures and supervised research in England. Offered exclusively through the USM Institute of Anglo-American Studies.

COMPUTER ENGINEERING TECHNOLOGY (CET)

240. Introduction to Digital Electronics. 3 hrs. Prerequisite: EET 111. Corequisites: CET 240L and EET 210. Theory and application of pulse and digital signals and the circuitry for their generation and conditioning. Introduces number systems, digital logic, and data encoding and processing methods and circuits.

240L. Digital Electronics Laboratory. 1 hr. Corequisite: CET 240.

301. Logic Circuit Design. 3 hrs. Prerequisite: CET 240. Corequisite: CET 301L. Introduces the basic tools for logic circuit design and analysis. Provides an understanding of common logic constructs, such as: multiplexers, demultiplexers, encoders, decoders, multivibrators, counters, registers, and memories.

301L. Logic Circuits Design Laboratory. 1 hr. Corequisite: CET 301.

302. Microprocessor Architecture and Applications. 3 hrs. Prerequisite: CET 240. Corequisite: CET 302L. Introduction to the design and programming of microprocessor based circuits and systems, including the design and programming tools necessary to create stand-alone microprocessor systems. Comparison of different microprocessor architectures and applications.

302L. Microprocessor Laboratory. 1 hr. Corequisite: CET 302.

316. Digital Communications and Computer Networks. 2 hrs. Prerequisite: CET 302. Corequisite: CET 316L. Digital communication concepts including modulation, data transmission, transmission media, computer networks.

316L. Digital Communications Laboratory. 1 hr. Corequisite: CET 316.

323. Advanced Analytical Applications. 3 hrs. Prerequisite: MAT 137. Laplace transform methods for analog signals and systems; transfer functions; z-transform methods for discrete time signals and systems; frequency-domain methods; Fourier analysis.

324. Applied Discrete Transforms. 3 hrs. Prerequisite: CET 323. System transfer functions, system response analysis, digital filter design, state-space system representation.

370. Hardware Systems. 3 hrs. Corequisite: CET 370L. Design, analysis and implementation of digital logic systems with emphasis on circuit construction and verification. This course does not satisfy major requirements for Computer or Electronics Engineering Technology students.

370L. Hardware Systems Laboratory. 1 hr. Corequisite: CET 370.

400. Senior Project I. 2 hrs. Prerequisite: Senior standing and approval of faculty adviser. (Students undertaking a Senior Honors Project will enroll in CET H400.)

401. Senior Project II. 2 hrs. Prerequisite: CET 400. (Students undertaking a Senior Honors Project will enroll in CET H401.

420. Embedded Microcomputer Design. 3 hrs. Prerequisites: CET 301 and CET 302. Corequisite: CET 420L. Review of embedded computer applications followed by a detailed examination of microcomputer circuit design and commercial product development.

420L. Embedded Microcomputer Design Laboratory. 1 hr. Corequisite: CET 420.

437. Microcomputer Design. 4 hrs. Advanced microcomputer architecture and operation.

471. Small Computer Systems. 3 hrs. Prerequisites: CET 301 and CET 302. Corequisite: CET 471L. Detailed examination of the interfaces to a small computer operating system and the development of software and hardware extensions. Emphasis is on preparing the student to develop commercial, plug-in applications for MS-DOS/WINDOWS systems.

471L. Small Computer Systems Laboratory. 1 hr. Corequisite: CET 471.

472. Advanced Programmable Devices. 3 hrs. Prerequisites: CET 301. Corequisite: CET 472L. Synchronous logic design through the use of state machine models and other advanced design tools. Designs implemented and tested in VLSI programmable logic devices.

472L. Programmable Devices Laboratory. 1 hr. Corequisite: CET 472.

477. Introduction to Control Systems Technology. 3 hrs. Prerequisites: CET 323 and EET 312. Corequisite: CET 477L. Fundamental control system theory and applications; servomechanisms; process control; measurement and instrumentation.

477L. Control Systems Laboratory. 1 hr. Corequisite: CET 477.

478. Digital Control Systems. 2 hrs. Prerequisites: CET 316 and CET 477. Corequisite: CET 478L. Design of systems incorporating a computer as an on-line element. Design of control algorithms and optimal control techniques.

478L. Digital Control Systems Laboratory. 1 hr. Corequisite: CET 478.

483. Windows Networking. 3 hrs. A comprehensive examination of the Windows 95 networking architecture and capabilities.

485. NOS Server Administration. 3 hrs. Prerequisite: CET 483. A comprehensive examination of the Windows NT 4.0 installation and administration, one of today's most popular Network Operating Systems (NOS).

486. Intranetworking. 3 hrs. Prerequisite: CET 485 or permission of instructor. A continuation of SET 485 that will emphasize intranetworking directory architecture, binding of network protocols, creation and management of user and group accounts.

488. TCP/IP. 3 hrs. Prerequisite: CET 483. A comprehensive examination of the Internet's standard protocol suite TCP/IP.

489. Internet Information Server. 3 hrs. Prerequisite: CET 485 or permission of instructor. Installation and configuration of a popular NOS as an Internet information server.

492. Special Problems. 1-4 hrs.

COMPUTER SCIENCE (CSC)*

100. Introduction to Computing. 3 hrs. Personal computer concepts, uses of computers in society, introduction to software packages for word processing, data management, and spread sheets. (CC 1113)

101. Computer Science I. 3 hrs. Corequisite: CSC 101L. Problem- solving, algorithm development, computer programming, overview of computer science.

101L. Computer Science I Laboratory. 1 hr. Corequisite: CSC 101.

102. Computer Science II. 3 hrs. Prerequisite: CSC 101, 101L. Continuation of CSC 101 with emphasis on programming style and algorithm analysis.

203. Introduction to Computer Systems. 3 hrs. Prerequisite: CSC 102. Corequisite: CSC 203L. Computer systems and architecture, assembler language programming.

203L. Computer Systems Laboratory. 1 hr. Corequisite: CSC 203.

204. Introduction to Computer Organization. 3 hrs. Prerequisite: CSC 102. Corequisite: CSC 204L. Fundamentals of logic design, organization and structuring of computer hardware components, mechanics of information transfer and control within a digital computer system.

204L. Computer Organization Laboratory. 1 hr. Prerequisite: 203L. Corequisite: CSC 204.

300. Foundations of Computer Science. 3 hrs. Prerequisite: MAT 167. Introduction to finite and discrete structures, combinatorics and graphs, and algorithmic processes with applications in computers, languages, and programs.

305. Introduction to File Processing. 3 hrs. Prerequisite: CSC 102. Concepts of structuring data on bulk storage devices, applications of data structures and file processing techniques.

306. Operating Systems and Computer Architecture. 3 hrs. Prerequisites: CSC 203, 204, and 307. Corequisite: CSC 306L. Operating systems principles, relationships between operating system and computer architecture.

306L. Operating Systems and Computer Architecture Laboratory. 1 hr. Prerequisite: CSC 204L. Corequisite: CSC 306.

307. Data Structures and Algorithm Analysis. 3 hrs. Prerequisite: CSC 102. Algorithms. Data abstraction and structure. List operations. Queues. Stacks. Recursion. Binary trees. General trees.

309. Computers and Society. 3 hrs. Ethical issues for technical professionals, social impact of professional and entrepreneurial activity, the social impact of computer technology.

317. Object Oriented Programming. 3 hrs. Prerequisites: CSC 203 and 307. Conceptual overview, characteristics of an object oriented language, objects, classes, arrays, operator overloading, inheritance, virtual functions, streams.

320. Introduction to Linear Programming Techniques. 3 hrs. Prerequisite: MAT 103. Formulation of models, graphical solutions, simplex method, two-phase technique, duality, convexity, simultaneous linear equations, vector spaces.

408. Organization of Programming Languages. 3 hrs. Prerequisite: CSC 307. Runtime behavior of programs, formal specification and comparative analysis of programming languages, programming paradigms.

410. Multi-processing. 3 hrs. Prerequisites: CSC 306, 306L, 308, MAT 320 or CSS 415. Corequisite: CSC 410L. Continuation of CSC 306. Emphasis on intra-system communication.

410L. Multi-processing Laboratory. 1 hr. Corequisite: CSC 410

411. Database Management Systems Design. 3 hrs. Prerequisite: CSC 307. Design and implementation of DBMS. Survey of research literature.

412. Introduction to Artificial Intelligence. 3 hrs. Prerequisite: CSC 307. Concepts and techniques of intelligent systems. Survey of research literature.

413. Algorithms. 3 hrs. Prerequisites: CSC 307 and MAT 169 or MAT 179. Design and analysis of algorithms. Complexity theory.

414. Software Design and Development. 3 hrs. Prerequisite: CSC 307. Corequisite: CSC 414L. Formal development of software through team projects.

414L. Software Design and Development Laboratory. 1 hr. Prerequisite: CSC 307. A laboratory designed to support CSC 414.

415. Theory of Programming Languages. 3 hrs. Prerequisite: CSC 408. Formal treatment of programming language translation and compiler design concepts.

421. Relational Data Base Management Systems. 3 hrs. Prerequisite: CSC 411. Theory of relational systems, comparison of relational and conventional systems, use of state-of-the-art relational systems such as ORACLE.

422. Operations Research. 3 hrs. Prerequisite: CSC 320. Transportation problem, assignment problem, PERT/CPM, networks, integer programming.

424. Software Engineering II. 3 hrs. Prerequisite: CSC 414. Programming languages and software design, modular/object oriented design, team programming, human factors, case studies.

425. Computer Graphics Design. 3 hrs. Corequisite: CSS 350 or CSC 307. Prerequisite: one semester of calculus. Theory, design and use of computer graphic systems.

426. Computer Aided Design. 3 hrs. Prerequisite: CSC 425. Design of man-machine interaction.

435. Simulation and Modeling. 3 hrs. Prerequisites: CSS 211 or 415 and 240 or 330. Constructing models of discrete stochastic systems, systems dynamics. Use of a simulation package.

444. Robotic Systems: Theory, Development and Analysis. 3 hrs. Prerequisite: MAT 326. Robotic system development, direct kinematics, the arm equation, workspace analysis, trajectory planning and robotic programming methodologies.

485. Information Retrieval in the U.K.-Theory. 3 hrs. Prerequisites: High level programming language and permission of instructor. A study of British information processing systems.

486. Information Processing in the U.K.-Applications. 3 hrs. Prerequisites: CSC 485 and permission of instructor. Design of information processing systems.

492. Computer Science Problems I. 1-3 hrs. Prerequisite: Senior standing. Solution of problems germane to a select area of study.

493. Computer Science Problems II. 3 hrs. Solution of problems germane to a select area of study.

** A grade of C or better is required for all prerequisite courses listed in this section.*

COMPUTER SCIENCE (CS)

(Offered Only at USM Gulf Coast)

301. Introduction to Programming. 3 hrs. Structured programming, stepwise refinement, introduction to the C programming language.

302. Advanced Computing Programming. 3 hrs. Prerequisites: CS 301 or equivalent. Structured Programming and an in-depth study of the C programming language.

303. Digital Computer Programming. 3 hrs. Prerequisite: CS 302. Assembly Language coding: registers, instruction formats, decimal and floating point arithmetic. I/O coding, system capabilities, program states.

307. Data Structures. 3 hrs. Prerequisite: CS 302. Data structures and algorithms for their manipulation. Lists and arrays; stacks, queues, linked lists, tree structures; elementary sorting and searching routines.

320. Introduction to Linear Programming Techniques. 3 hrs. Prerequisite: MAT 101. Formulation of models, graphical solutions, matrix operations, simplex method, two-phase technique, duality, convexity, simultaneous linear equations, vector spaces.

401. Object Oriented Programming. 3 hrs. Prerequisite: CS 307. Conceptual overview, characteristics of an object oriented language, objects, classes, arrays, operator overloading, inheritance, virtual functions, streams.

406. Operating Systems. 3 hrs. Prerequisites: CS 303 and CS 307. An in-depth study of operating systems (batch, time-sharing and real time systems).

408. Programming Languages. 3 hrs. Prerequisite: CS 307. Formal study of programming languages, organization of programming languages, run-time behavior of programs, interpretative language, lexical analysis and parsing.

411. Relational Database Management Systems. 3 hrs. Prerequisite: CS 307. Introduction to RDBMSs. Includes database design using the entity relationship model, relational model theory, the relational algebra and the implementation of applications using SQL and a state-of-the-art relational system such as Oracle.

412. Principles of Artificial Intelligence. 3 hrs. Prerequisite: CS 307. Computer representation of knowledge, problem solving, automated deductive systems, computer learning, computer implementation of AI problems, expert systems.

414. Software Engineering I. 3 hrs. Prerequisite: CS 307. Overview of software developments, project management, programming style, testing, debugging, and other topics.

415. Compiler Design. 3 hrs. Prerequisite: CS 307. An in-depth study of compilers and compiler writing techniques.

421. Advanced Topics in Relational Database Management Systems. 3 hrs. Prerequisite: CS 411. A selection of advanced topics representing current trends in RDBMSs. Topics include, but are not restricted to, concurrency, backup and recovery, embedded database calls, distributed RDBMSs, and Object Oriented RDBMSs.

422. Operations Research. 3 hrs. Prerequisite: CS 320. Transportation problem, assignment problem, networks, integer programming.

424. Software Engineering II. 3 hrs. Prerequisite: CS 414. Programming languages and software design, modular/object oriented design, team programming, human factors, case studies.

425. Computer Graphics Design. 3 hrs. Prerequisite: CS 307. Theory, design and use of computer graphic systems.

485. Information Retrieval in the U.K.-Theory. 3 hrs. Prerequisites: High level programming language and permission of instructor. A study of British information processing systems.

486. Information Processing in the U.K.-Applications. 3 hrs. Prerequisites: CS 485 and permission of instructor. Design of information processing systems.

492. Computer Science Problems I. 3 hrs. Prerequisite: Senior standing. Solution of problems germane to a select area of study.

493. Computer Science Problems II. 3 hrs. Solution of problems germane to a selected area of study.

COMPUTER SCIENCE AND STATISTICS (CSS)*

145. Musical Instrument Digital Interface Concepts and Programming. 3 hrs. Prerequisite: ability to read music and perform on a musical instrument. An introduction to computer fundamentals with applications to music using Musical Instrument Digital Interface.

211. Statistical Methods I. 3 hrs. Prerequisite: MAT 101. Sampling and sampling distributions: normal and binomial, measures of central tendency and dispersion, hypothesis testing. (CC-BAD 2323)

212. Statistical Methods II. 3 hrs. Prerequisite: CSS 211. Hypothesis testing, correlation, regression analysis, analysis of variance and covariance.

220. Explorations in the Computer Science Classroom. 1 hr. Fifteen hours of secondary classroom observations.

240. FORTRAN Programming. 3 hrs. Techniques of programming using the FORTRAN 77 language. (CC 2323)

242. Fundamentals of COBOL. 3 hrs. Logic design and fundamental Cobol concepts for business majors. Cannot count toward a degree in Computer Science.

330. Introduction to Programming. 3 hrs. Structured programming, step-wise refinement, introduction to Pascal. Students may not apply both CSS 333 and CSC 101 toward a degree.

331. Visual Basic. 3 hrs. Prerequisite: CSC 101 or CSS 240 or CSS 330. Designing and writing VB program, object oriented design, event driven programming, object linking, embedding and prototyping, CAD and equipment interface.

333. Problem Solving Using C, I. 3 hrs. Prerequisite: computer literacy. Introduction to UNIX, Internet, electronic mail. Introductory C programming, algorithm development, top-down, object-oriented development. Applications in technology.

334. Problem Solving Using C, II. 3 hrs. Prerequisite: CSS 333. Continuation of top-down design, integrated editor and debugger, elementary data structures, file processing, topics in graphics.

340. Advanced Computing Programming. 3 hrs. Prerequisite: CSS 330 or equivalent. Structured Programming and an in-depth study of Pascal. Students may not apply both CSS 340 and CSC 102 toward a degree.

342. Introduction to COBOL Programming. 3 hrs. Prerequisite: CSS 334 or CSC 102. Programming of problems using the COBOL language.

343. C Programming. 3 hrs. Prerequisite: CSS 350. Techniques of programming using the C language.

350. Data Structures. 3 hrs. Prerequisite: CSS 334. Data structures and algorithms for their manipulation. Lists and arrays; stacks, queues, deques, tree structures; elementary sorting and searching routines. Students may not apply both CSS 350 and CSC 102 toward a degree.

360. The Unix Operating System. 3 hrs. Prerequisite: CSC 102. History, operating system fundamentals, basics, file system, informational and text utilities, vi editor, Bourne shell programming, X windows, networking, awk and perl programming.

400. Introduction to Computer Education. 3 hrs. Introduction to concepts, techniques, materials, and resources for teaching computer science concepts, problem-solving, and programming relative to computer literacy. Research and presentations related to Computer Science Education.

400L. Introduction to Computer Education Laboratory. 1 hr. Prerequisite: CIS 313. Co-requisite: CSS 400. Twenty hours (minimum) of experiences in the secondary classroom and fifteen hours of seminar with a University coordinator.

402. Structured Basic Programming. 3 hrs. Prerequisite: CSS 400. Technical presentation of BASIC with scientific problem solving, algorithms and an introduction to data structures. Cannot count toward a degree in Computer Science.

403. Authoring Systems for Computer Based Learning. 3 hrs. Prerequisite: CSS 400. Developing computer based instructional modules utilizing the authoring system approach. Cannot count toward a degree in Computer Science.

404. Internet Concepts. 3 hrs. Prerequisite: basic computer literacy. Introduction to the Information Super Highway via the INTERNET. Does not satisfy core requirements in the College of Science and Technology.

405. Advanced Internet: CGI Programming. 3 hrs. Prerequisites: Knowledge of the INTERNET, basic HTML, some high level programming language. Basic review of WWW and HTML, forms and forms processing, CGI programming, Java programming, VRML, security, and privacy issues.

415. Methods of Mathematical Statistics I. 3 hrs. Prerequisite: MAT 168. Introduction to probability, random variables, mathematical expectation, sampling distributions, confidence intervals and hypothesis testing on single populations.

416. Methods of Mathematical Statistics II. 3 hrs. Prerequisite: CSS 415. Confidence intervals and hypothesis testing on two or more populations, analysis of variance models, regression analysis.

417. Experimental Design. 3 hrs. Prerequisite: CSS 416. Factorials, randomized blocks, Latin squares and split-plot, fractional factorials and confounding, response surface models.

418. Sampling Methods. 3 hrs. Prerequisite: CSS 415. The planning, execution, and evaluation of sample surveys. Simple random sampling, stratified random sampling, cluster sampling.

431. Advanced Visual Basic. 3 hrs. Prerequisite: CSS 331. OO terminology and applications, object linking and embedding, word processing and spreadsheet concepts, RDBMS, SOL, introduction to the internet, VB objects on the internet, VB programming on the internet.

444. The Java Environment. 3 hrs. Prerequisite: CSC 102 or CSS 334. Object-oriented programming using Java.

442. Information Systems. 3 hrs. Prerequisite: CSS 342. Methods of system analysis, data acquisition, file structures, terminal selection, use of flowcharts and decision tables.

490. Computer Science Seminar. 1 hr. Arr. Presentation of technical topics in the field.

498. Student Teaching in Computer Science I. 7 hrs. Corequisite: CSS 499. Introduction, training, and evaluation of teaching based on the Mississippi Teaching Evaluation Instrument (MTAI).

499. Student Teaching in Computer Science II. 7 hrs. Corequisite: CSS 498. Continuation of CSS 498.

* A grade of C or better is required for all prerequisite courses listed in this section.

CONSTRUCTION ENGINEERING TECHNOLOGY (BCT)

101. Construction Practices. 3 hrs. Basic construction techniques, tools and equipment, and job planning analysis used in residential projects.

205. Surveying. 2 hrs. Prerequisite: MAT 103. Corequisite: BCT 205L. Theory and practice in use of instruments for measuring distances, angles, etc., as applied in architectural and construction projects.

205L. Surveying Laboratory. 1 hr. Corequisite: BCT 205.

235. Building Systems I. 2 hrs. Prerequisites: ACT 132 and ACT 204. Corequisite: BCT 235L. Residential building systems with emphasis on materials integration, methods of construction and constructional detailing.

235L. Building Systems I Laboratory. 1 hr. Corequisite BCT 235.

307. Construction Equipment. 3 hrs. Prerequisite: GLY 101. Construction equipment selection and utilization for commercial and heavy- highway construction.

336. Building Systems II. 2 hrs. Prerequisite: BCT 235. Corequisite BCT 336L. Commercial building systems with emphasis on materials integration, methods of construction and building codes.

336L. Building Systems II Laboratory. 1 hr. Corequisite: BCT 336.

337. Construction Materials. 3 hrs. Prerequisite: ENT 340 - Strength of Materials. Comprehensive overview of materials common to construction. The course will emphasize both the selection and testing of construction materials.

337L. Construction Materials Laboratory. 1 hr. Prerequisite: ENT 340 - Strength of Materials. Laboratory testing of construction materials. The course will emphasize scientific methods and presentation of data.

374. Construction Organization. 3 hrs. Analysis of contracting functions and management concepts.

392. Special Problems. 1-3 hrs. Prerequisites: Junior standing and approval of faculty adviser.

400. Senior Project. 3 hrs. Prerequisites: senior standing and approval of faculty advisor.

408. Route Surveying. 2 hrs. Prerequisite: BCT 205. Corequisite: BCT 408L. Principles for the design and layout of routes, coverage includes horizontal and vertical alignment, route location, earthwork, computation, ground photogrammetric survey methods, and special survey methods for highways, railroads, pipelines, transmission lines, and urban construction.

408L Route Surveying Laboratory. 1 hr. Corequisite: BCT 408.

409. Boundary Surveying. 2 hrs. Prerequisite: BCT 205. Corequisite: BCT 409L. The application of knowledge of the science of surveying measurement, the legal principles of boundary location, the laws related to boundaries and land use, the land planning and development concepts pertinent to subdivision of land and property surveys.

409L Boundary Surveying Laboratory. 1 hr. Corequisite: BCT 409.

444. Structural Design. 3 hrs. Prerequisite: ENT 340. Design of structural members and building structures using steel, wood, and concrete.

445. Soils and Foundations. 3 hrs. Prerequisite: ENT 340. Corequisite: BCT 445L. Theory and application of soil mechanics to foundation design and construction.

445L. Soils and Foundations Laboratory. 1 hr. Corequisite: BCT 445.

446. Hydraulics and Surface Drainage. 2 hrs. Prerequisite: BCT 444. Corequisite: BCT 446L. Hydraulic analysis and design of urban, highway, airport, and watershed drainage problems; discussion of overland and drainage channel flows; hydraulics of storm-drain systems and culverts; determination of design flow and runoff from highways, airports, and urban areas; design of drainage gutters, channels, sewer networks, and culverts.

446L. Hydraulics and Surface Drainage Laboratory. 1 hr. Corequisite: BCT 446.

454. Estimating I. 3 hrs. Prerequisites: ENT 120 and either ACT 336 or BCT 336. Corequisite: BCT 454L. Material quantity survey techniques used in estimating costs of construction projects.

454L. Estimating I Laboratory. 1 hr. Corequisite: BCT 454.

455. Estimating II. 3 hrs. Prerequisite: BCT 454. Corequisite: BCT 455L. Determination of construction cost, bidding procedures, and analysis of job cost data.

455L. Estimating II Laboratory. 1 hr. Corequisite: BCT 455.

456. Highway Estimating. 2 hrs. Prerequisite: BCT 307. Corequisite: BCT 456L. Determination of highway construction costs, bidding procedures, and analysis of job cost data.

456L Highway Estimating Laboratory. 1 hr. Corequisite: BCT 456.

458. Construction Planning and Scheduling. 3 hrs. Prerequisite: BCT 336 and ENT 120. Corequisite: BCT 458L. Critical Path Method (CPM) as a project planning, scheduling, and monitoring technique.

458L. Construction Planning and Scheduling Laboratory. 1 hr. Corequisite: BCT 458.

476. Construction Labor. 3 hrs. Prerequisite: Senior standing. A study of construction labor resources, labor history, and governmental labor regulations.

477. Construction Project Management. 3 hrs. Prerequisite: Senior standing. Duties and responsibilities of a construction manager. Services provided by CM firms.

478. Applications of Construction Law. 3 hrs. Prerequisite: Senior standing. Analysis of construction law. Legal problems, the bidding process, contract performance, the contract.

480. Construction Safety. 3 hrs. Development and management of accident prevention programs in construction. OSHA regulations.

486. Project Controls. 2 hrs. Prerequisite: BCT 455. Corequisite: BCT 486L. The study of financial and document control of construction projects.

486L Project Controls Laboratory. 1 hr. Corequisite: BCT 486.

492. Special Problems. 1-3 hrs. Prerequisites: Senior standing and approval of faculty adviser.

COOPERATIVE EDUCATION (CED)

300. Cooperative Education Work Term. 0 hrs.

CRIMINAL JUSTICE (CJ)

200. Introduction to Criminal Justice. 3 hrs. An introduction to criminal law, criminological thought, and the operation of the criminal justice system. (CC-CRJ-1313)

325. Criminal Justice Theory. 3 hrs. A survey of major American and European theories of criminal justice.

330. Criminal Law. 3 hrs. A survey of applied substantive criminal law with emphasis on the most common criminal offenses.

331. Criminal Court Practice. 3 hrs. An in depth study of the criminal case within the several courts of the state and federal systems.

332. Traffic Law. 3 hrs. An analysis of prevailing traffic law and methods of enforcement.

341. Police Methods and Organization. 3 hrs. A survey of the organization and administration of the American police.

342. Criminal Investigation. 3 hrs. Prerequisite: CJ 330. An overview of the crime solving process with emphasis on methodology, corpus delecti, and evidence.

352. Introduction to Modern Corrections. 3 hrs. An overview of major correctional systems and methods of treatment of offenders.

353. Law of Criminal Corrections. 3 hrs. A survey of the newly emerging rights of detained and incarcerated individuals.

360. Introduction to Juvenile Justice. 3 hrs. A survey of the common law roots of juvenile law, the unfolding of case law in American history, and the development of the juvenile court and juvenile corrections.

364. Child Abuse and the Law. 3 hrs. A study of child abuse and law emphasizing the protection of the child from prevention through prosecution and disposition of offenders.

370. Crime Prevention. 3 hrs. A survey of methods of protecting life and property in the community and in industry.

371. Industrial Security. 3 hrs. A study of industrial and governmental needs for protective services as applied to property and personnel with emphasis on principles.

400. Criminal Justice Practicum. 3, 6, or 9 hrs. Prerequisites: Major in Criminal Justice with junior or senior standing and with permission of the chair. Field work offering research and practice in a criminal justice agency.

420. Methods of Criminal Justice Research and Planning. 3 hrs. An in-depth study of criminal justice planning, evaluation, and research.

426. Comparative Criminal Justice Systems. 3 hrs. A study of foreign criminal justice systems emphasizing possible reforms for the American system.

430. Criminal Procedure. 3 hrs. A study of the procedural rules for the judicial enforcement of substantive criminal law.

431. Environmental Law. 3 hrs. A study of environmental law emphasizing regulation, enforcement, and detection of unlawful practices damaging to the environment.

433. Evidence, Search, and Seizure. 3 hrs. Prerequisite: CJ 330. An examination of the laws of evidence and the procedures for obtaining it with special emphasis on application in criminal court.

440. Police in the United States. 3 hrs. An analysis of the organization and role of modern police agencies with emphasis on social, political, and economic impacts.

450. Administration of Criminal Corrections. 3 hrs. Prerequisite: CJ 352. An in-depth study of the administrative process in the correctional system.

451. Probation, Parole, and Community Corrections. 3 hrs. An examination of probation and parole systems and other alternatives to incarceration.

460. Juvenile Justice. 3 hrs. A study of the law concerning investigation of juvenile offenders, disposition of offenders, and juvenile courts.

461. Juvenile Corrections. 3 hrs. An indepth study of the various treatment modalities currently employed.

463. Family Law. 3 hrs. A study of common law and statutory concepts of family relationships emphasizing legal remedies to crime in the family.

464. Family Violence, Investigation and Deterrence. 3 hrs. Prerequisite: CJ 463 or consent of instructor. A study of child and spouse abuse within the family emphasizing detection, investigation and deterrence.

470. Political Economy of Criminal Justice. 3 hrs. An analysis of political and economic factors influencing the criminal justice system.

471. Victims of Crime. 3 hrs. An indepth study of criminal victimization concentrating on the victims of specific crimes and remedies for victimization.

472. Organized Crime. 3 hrs. A course to familiarize students with the evolution, typology, and etiology of organized crime in the United States.

480. Seminar in Criminal Justice. 3 hrs. An interdisciplinary seminar covering significant problem areas in the criminal justice system. Repeatable as topics vary.

489. Caribbean Studies. 3 hrs. Variable content, lectures, field exercises, and research offered abroad under the auspices of the Center for International Education.

492. Special Problems. 1-3 hrs. Prerequisites: Major in criminal justice with senior standing and permission by the chair. Supervised research in a specific field. (Students undertaking a Seniors Honor Project will enroll in CJ H492.)

497. British Studies. 3-9 hrs.

498. British Studies: Comparative Criminal Jurisprudence. 1-6 hrs. A comparative study abroad of criminal law, courts, and procedures.

499. British Studies: Comparative Drug Law. 3-6 hrs. A comparative study of the instructional responses to drug abuse and drug related criminal offenses.

CURRICULUM AND INSTRUCTION ELEMENTARY EDUCATION (CIE)

090. Developmental Reading. 3 hrs. Required of all entering freshmen with a sub-standard ACT English or Reading. Does not satisfy any University core or degree requirements.

099. Intermediate Reading. 3 hrs. Available for all entering freshmen with a sub-standard ACT English or Reading. Does not satisfy any University core or degree requirements.

100. Developmental Processes in Elementary Mathematics. 1-5 hrs. A review of the fundamentals of elementary arithmetic, algebra, and geometry for preservice elementary teachers. This course cannot be used for degree requirements.

102. Improvement of Study. 1 hr. An analysis of effective study techniques. Useful for college students who wish to improve their own reading and study habits. May be taken three times for credit. Does not satisfy any University core or degree requirements.

Enrollment in the following courses is restricted to students admitted to the Elementary Teacher Education Program or by special permission of the Department Chair.

301. Mathematics: Primary & Middle Grades. 3 hrs. Prerequisites: MAT 210, 309, 310. Corequisite: CIE 451. A course which utilizes modern strategies of psychology and methodology in elementary school mathematics on exploratory, structural, and mastery levels of learning.

305. Social Studies: Primary & Middle Grades. 3 hrs. Corequisite: 451. Emphasis is on the social science interdisciplinary approach for content and methodology, problem solving, unit teaching, and thinking.

306. Language and Cognitive Development in the Elementary School. 3 hrs. Corequisite: CIE 450. Emphasizes the methods and materials for teaching handwriting, creative writing, listening, speaking, and grammar in grades 1 through 8.

318. Literature for the Middle School. 3 hrs. A study of literature appropriate for use in grades 4 through 8 stressing effective use of literature in the school program.

343. Curriculum: Primary & Middle Grades. 3 hrs. Corequisite: CIE 450. A general methods course which examines materials and methods of teaching pupils in grades K through 8.

403. Kindergarten—Primary Education. 3 hrs. A practicum designed to give teaching experiences in understanding the social, emotional, physical and cognitive growth and development of children.

411. Reading Instruction: Skills and Development. 3 hrs. Corequisite: CIE 306, CIE 450. Builds a theoretical basis for reading skills development.

410. Foundations in Multicultural Education. 3 hrs. Prerequisites: REF 400 and SPE 400. Develops knowledge, skills, and attitudes required for teaching students from diverse backgrounds in grades K-8, emphasizing procedures for teaching reading and language arts skills to culturally and linguistically diverse students.

425. Early Childhood Education. 3 hrs. A general methods course which examines materials and methods of teaching children in kindergarten through grade 3.

427. Evaluation in Early Childhood Education. 3 hrs. Emphasis is placed on evaluative techniques and principles relative to the physical, intellectual, emotional, and social development of young children.

450. Clinic: Intermediate Semester. 2 hrs. Corequisites: CIE 306, CIE 343, CIR 407. Practica and clinic activities.

451. Clinic: Senior Semester. 2 hrs. Prerequisite: CIE 450. Corequisites: CIE 301, CIE 305, CIR 412, CIR 412L. Practica and clinic activities.

477. Developmental Disabilities in Early Childhood. 3 hrs. Overview of contributing factors to atypical early development, identification and management of at-risk conditions, legal/ethical issues, and legislation/litigation.

478. Specialized Studies in Developmental Disabilities. 1-6 hrs. (var) Specialized study and skill acquisition in the area of developmental disabilities. Topics vary.

+ 480. Student Teaching I: Lower Grades. 7 hrs. Prerequisites: All courses required for major.

+ 482. Student Teaching I. Upper Grades. 7 hrs. Prerequisites: All courses required for major.

489. Seminar in Elementary Student Teaching. 6 hrs. Prerequisite: Permission of the Director of Student Teaching. Designed to meet the student teaching requirement for nonlicensed experienced teachers. This course deals with classroom management, programs of instruction, and student role in the educational environment.

491. The Reading Conference. 3 hrs. An intensive program consisting of lectures, group discussion, and demonstration lessons.

492. Special Problems. 1-9 hrs. Prerequisite: Permission of the department chair. Provides the opportunity to pursue a special topic or area of interest. (Students undertaking a Seniors Honor Project will enroll in CIE H492.)

493. Internship in the Elementary School. 1-9 hrs. Prerequisite: Permission of the department chair. Reserved for those students who are enrolled in the internship program.

494. Learning Resources in Early Childhood Education. 3 hrs. Students will become acquainted with learning sources, selection, use, and production multimedia materials.

495. British Studies in Early Childhood Education. 3-6 hrs. Compares and contrasts the philosophies and current trends of American and British early childhood education.

496. Projects in Elementary Education I, II, III. 3 hrs. Designed for school systems planning local projects of curriculum revision and course of study construction.

497. Teacher Licensure Reinstatement. 3 hrs. Prerequisite: Permission of instructor. Educational reform and research correlates of effective teaching, schools, and administration. (Also offered as CIS 497.)

498. Families of the Developmentally Disabled. 3 hrs. Interdisciplinary approach to the study of families of the developmentally disabled.

499. British Studies in Education. 3-6 hrs.

CURRICULUM AND INSTRUCTION READING (CIR)

309. Literacy I: Theoretical Foundations. 3 hrs. Exposes emerging practitioners to a variety of theories that are the foundations of literacy development.

310. Research and Pedagogy in Content Area Literacy. 3 hrs. Prerequisite: USM Teacher Education Card. Engages emerging elementary and secondary practitioners in planning instruction which uses literacy as a tool for learning content area information.

317. Methods and Materials in Children's Literature. 3 hrs. An introduction to children's primary literature in all forms, and a study of ways in which it is integrated into the curriculum for enrichment.

407. Literacy II: Pedagogical Practices. 3 hrs. Prerequisite: CIR 309. Corequisite: CIE 450. Relying on current theory and research, this course engages emerging practitioners in implementing a variety of approaches, methods, strategies, and activities for literacy development.

412. Literacy III: Assessment for Literacy Development. 3 hrs. Prerequisites: CIR 309, CIR 407. Corequisite: CIR 412L. In a clinical setting, emerging practitioners will apply knowledge of theory and assessment in the development of effective literacy instruction.

412L Literacy III: Assessment for Literacy Development Laboratory. 1 hr. Concurrent registration in CIR 412 is required. A laboratory designed to accompany CIR 412.

CURRICULUM AND INSTRUCTION SECONDARY EDUCATION (CIS)

301. Practicum in Secondary Education. 1 hr. A course designed to relate the study of theory to practical experience in a public school setting. May be repeated twice.

313. Principles of Teaching High School. 3 hrs. This general methods course emphasizes the goals of secondary education, motivation and direction of learning, and school organization.

401. Dealing with Social Problems in the Classroom. 3 hrs. Managing class activities and instruction to deal with social problems which affect children and adolescents. (Telecourse)

458. Methods in Social Studies—Secondary. 3 hrs. A study of the principal methods of teaching, application of psychological principles to teaching, and methods of selecting content and materials.

470. Curriculum of the Secondary Schools. 2 hrs. A course which examines the present day structure and nature of the secondary school curriculum.

476. Professional Development Seminar. 1 hr. Prerequisite: Concurrent enrollment in student teaching. A study of individual and group practices, interpersonal relations skills, and professional activities which foster professionalism.

478. Specialized Studies in Developmental Disabilities. 1-6 hrs. Specialized study and skill acquisition in the area of developmental disabilities. Topics vary.

495. Seminar in Secondary Student Teaching. 6 hrs. Prerequisite: Permission of Director of Student Teaching. Designed to meet the student teaching requirements for non- certified experienced teachers. This course deals with classroom management, programs of instruction, and student role in the educational environment.

496. Internship in Secondary Education. 9 hrs. Prerequisite: Permission of the Director of Interns. Reserved for those students who are enrolled in the internship program.

497. Teacher Licensure Reinstatement. 3 hrs. Prerequisite: Permission of instructor. Educational reform and research correlates of effective teaching, schools, and administration. (Also offered as CIE 497.)

498. Families of the Developmentally Disabled. 3 hrs. Interdisciplinary approach to the study of families of the developmentally disabled.

499. Studies in British Education. 3-6 hrs.

DANCE (DAN)

105. Beginning Tap. 2 hrs. Developing an understanding and practice of movement skills basic to tap dance of America. May be repeated twice for a total of six hours. For non-majors.

106. Jazz Dance I. 2 hrs. The study and application of the basic skills of jazz dance. May be repeated twice for a total of six hours. For non-majors.

107. Dance Appreciation. 3 hrs. The discussion and practice of dance as a world-wide phenomenon in human behavior, its function in human society, with emphasis on the role of dance in present-day America.

150. Beginning Modern Dance. 2 hrs. Discussion and practice of movement patterns, improvisation, and studies in modern dance for the non-major. May be repeated twice for a total of six hours.

158. Modern Dance Techniques. 2-3 hrs. Discussion and practice of movement skills and studies in modern dance for the major. May be repeated for a total of six hours. Open to non-majors with consent of instructor.

250. Beginning Ballet. 2 hrs. Discussion and practice of movements in ballet for the non-major. May be repeated twice for a total of six hours.

252. Ballet Technique I. 2 hrs. Discussion and practice of ballet skills for the dance major. May be repeated for a total of eight hours. Open to non-majors with consent of instructor.

253. Dance Improvisation. 2 hrs. Spontaneous and simultaneous exploring, creating, and performing movement of the moment. Open to non- majors with consent of instructor.

254. Rhythmic Analysis and Accompaniment for Dance. 3 hrs. A basic analysis of music in terms of its function and structure as it applies to movement, and the study and practical application of dance accompaniment. Open to non-majors with consent of instructor.

258. Modern Dance Technique II. 2 hrs. May be repeated for a total of eight hours. A survey of modern dance techniques from past to present forms. A continuation of DAN 158. Open to non-majors with consent of instructor.

259. Elements of Dance Composition. 3 hrs. Exploration of the elements of dance applied to dance choreography. Open to non- majors with consent of instructor.

300L. Choreographic Workshop. 1-6 hrs. Participation in creative dance and performance activities. By audition.

350. Tap Dance. 2 hrs. Study of the various styles of tap including rhythm, jazz, and ballet forms. May be repeated twice for a total of six hours. Open to non-majors with consent of instructor.

352. Ballet Technique II. 2 hrs. Continuation and further enrichment of the technique of ballet at the intermediate level for the dance major. Open to non-majors with consent of instructor.

354. Dance Production. 1 hr. Developing an awareness and application of production skill. May be repeated up to five times. Open to non-majors with consent of instructor.

358. Modern Dance Technique III. 2 hrs. May be repeated for a total of eight hours. The study and development of modern dance techniques and applied theories. A continuation of DAN 258. Open to non-majors with consent of instructor.

359. Dance Composition, Theory, and Application. 3 hrs. Methods and approaches used in making dances.

362. Labanotation I. 3 hrs. Introduction to elementary Labanotation, a system of recording movement. Open to non-majors with consent of instructor.

363. Labanotation II. 3 hrs. Continuation of DAN 362.

370. Choreographic Research Project I. 2 hrs. Choreographic approaches for development toward the Senior Choreographic Research Project.

370L. Performance Production Laboratory for Choreographic Research. 1- 6 hrs. May be repeated up to 12 hrs. Participation in performance and production of a choreographic presentation. May be repeated for a total of 12 hours. By audition.

400L. Dance Theatre Laboratory. 1-2 hrs. Studio sessions in special aspects of dance theatre (partnering, point work, classical repertory). By audition.

452. Ballet Technique III. 2 hrs. Continuation and further enrichment of the technique of ballet for the dance major. May be repeated for a total of eight hours. A continuation of DAN 352. Open to non-majors with consent of instructor.

453. Jazz Dance II. 2 hrs. The study and application of the principles of jazz movement. May be repeated for a total of six hours. Open to non-majors with consent of instructor.

455. Repertory Dance Company. 1 hr. May be repeated for a total of 8 hours. The study and practice of selected choreographic works for performance. By audition.

458. Modern Dance Technique IV. 2 hrs. May be repeated for a total of eight hours. Advanced Modern Dance technique and applied analysis of movement. A continuation of DAN 358. Open to non-majors with consent of instructor.

462. Dance in Cultural Context. 3 hrs. The history of the development of dance forms and their social, cultural, and political significance from lineage-based societies through the end of the nineteenth century. Open to non-majors with consent of instructor.

463. 20th Century Dance Forms. 3 hrs. The history of the development of twentieth century dance forms and the artistic and societal frameworks in which they evolved. Open to non-majors with consent of instructor.

465. Music Analysis and Resources for Dance. 3hrs. The study and practice of the principles of music and how those principles relate to movement. Open to non-majors with consent of instructor.

468. Theatre Dance. 2 hrs.

470. Choreographic Research Project II. 3 hrs. A choreographic and written project of an original dance work.

470L. Performance Production Laboratory for Choreographic and Project Research. 1-6 hrs. Participation in the Performance and Production research Project of a Senior Choreographic Research Project. May be repeated for a total of 12 hours. By audition.

471. Dance Internship. 1-9 hrs.

487L. Practicum in Dance. 1-3 hrs. May be taken for a total of 9 hours. Practices and projects in Dance Theory, Performance, and/or Choreography for the undergraduate student. Open to non-majors with consent of instructor.

492. Special Problems. 1-3 hrs. May be taken for a total of 9 hours. (Students undertaking a Senior Honors Project will enroll in DAN H492.) Open to non-majors with consent of instructor.

499. British Studies. 3-6 hrs. Studies in dance and movement sciences abroad (5 weeks).

DANCE EDUCATION (DED)

264. Field Observations in Dance. 1 hr. An introduction to dance education as a profession; field experience and research provided.

364. Practicum in Dance Education. 3 hrs. A course designed to give the student class room opportunities in both elementary and secondary dance classes.

464. Methods in Dance Education K-12. 3 hrs. Methods, materials, and practical experience for teaching dance.

467. Student Teaching in Elementary Dance. 7 hrs. Student practice teaching in elementary dance education.

468. Student Teaching in Secondary Dance. 7 hrs. Student practice teaching in secondary dance education.

ECONOMICS (ECO)

(Enrollment in courses numbered 300 or above requires at least junior standing.)

201. Principles of Economics I. 3 hrs. A study of a nation's economy. Topics include inflation, unemployment, gross domestic product, business cycles, and international influences. (CC 2113)

202. Principles of Economics II. 3 hrs. A study of market systems. Topics include supply and demand, the behavior of firms and households in different market structures, government intervention in markets, barriers to trade, and foreign exchange markets. (CC 2123)

305. Economic Issues. 3 hrs. A survey of history of economic thought, economic history of the United States, and the fields of economics.

330. Money and Public Policy. 3 hrs. Prerequisites: ECO 201 and 202. A study of the nature and functions of money, financial institutions, monetary theory, and the political, social, and international context in which economic policy is formulated.

336. Survey of International Economics. 3 hrs. Prerequisites: ECO 201 and 202. An introductory study of why nations trade, tariff and non-tariff barriers to trade, commercial policy, balance of payments accounting, exchange rate determination, balance of payments adjustment, and the international currency system.

340. Intermediate Microeconomic Theory. 3 hrs. Prerequisites: ECO 201 and 202. An intermediate study of the determination of prices in factor and final product markets.

345. Intermediate Macroeconomic Theory. 3 hrs. Prerequisites: ECO 201 and 202. An intermediate study of the determination of aggregate income and employment.

401. Public Finance. 3 hrs. Prerequisites: ECO 201 and 202. A study of federal and state spending and fund-raising policies within the context of the social goals of the society.

436. International Economics. 3 hrs. Prerequisites: ECO 336. An intermediate study of international trade theory and international monetary theory. The pure theory of trade and comparative advantage, economic integration, international resource movements, foreign exchange markets, balance of payments adjustment mechanisms, and international monetary systems.

440. Economic Development. 3 hrs. Prerequisites: ECO 201 and 202. Emphasis on the economic tools for economic development with particular attention to regional growth and change. Case studies include a number of countries and successful examples of regional, corporate, and local development.

450. Introduction to Econometric Methods. 3 hrs. Prerequisites: BA 303. Specification, estimation, and interpretation of econometric models.

470. Comparative Economic Systems. 3 hrs. Prerequisites: ECO 201 and 202. A course designed to acquaint the student with the origins, development, and characteristics of fascism, socialism, and capitalism.

492. Special Problems in Economics. 1-6 hrs. Prerequisite: Consent of Chair. Individual study on an approved topic in Economics. (Students undertaking a Senior Honors Project will enroll in ECO H492.)

493. Contemporary Economic Problems. 3 hrs. Prerequisites: ECO 336, 340, 345, and 450. A capstone course for economics majors. Application of the tools of economics to current macroeconomic and microeconomic issues.

498. International Economics Seminar Abroad. 3 hrs. Prerequisite: Prerequisite: Consent of Program Director. Conducted in various locations abroad: a series of lectures and discussions involving authorities on international economic issues and practices.

499. International Economics Research Abroad. 3 hrs. Prerequisite: Consent of Program Director. A research course in international economics offered for students enrolled in ECO 498.

ELECTRONICS ENGINEERING TECHNOLOGY (EET)

110. Introduction to Electric Circuits. 3 hrs. Corequisites: EET 110L and MAT 101. Basic electrical concepts and relationships. Use of DC circuit analysis theorems and techniques.

110L. Electric Circuits Laboratory. 1 hr. Corequisite: EET 110.

111. Analysis of Alternating Current (AC) Circuits. 3 hrs. Prerequisite: EET 110. Corequisites: MAT 103 and EET 111L. Impedance and phasor concepts. Use of AC circuit analysis theorems and techniques.

111L. AC Analysis Laboratory. 1 hr. Corequisite: EET 111.

120. Electronic Graphics. 1 hr. Corequisite: EET 120L. Computer-aided drafting principles for orthographic projections; schematics, wiring diagrams, and symbols.

120L. Electronics Graphics Laboratory. 1 hr. Corequisite: EET 120.

200. Electronics Assembly and Fabrication Practices. 1 hr. Prerequisite: EET 120. Corequisite: EET 200L. Laboratory and shop practice; safety; soldering and assembly; computer-aided printed circuit board (PCB) design; PCB fabrication.

200L. Assembly and Fabrication Laboratory. 1 hr. Corequisite: EET 200L.

210. Electronic Devices and Circuits. 3 hrs. Prerequisite: EET 111. Corequisites: EET 210L and PHY 111. Theory and application of solid state devices; diodes, junction and field-effect transistors, IC fabrication; small signal BJT amplifiers.

210L. Devices and Circuits I Laboratory. 1 hr. Corequisite: EET 210.

230. Electronic Instrumentation. 1 hr. Prerequisite: EET 110. Corequisites: EET 111 and EET 230L. Theory of operation and industrial use of common electronic instruments.

230L. Electronic Instrumentation Laboratory. 1 hr. Corequisite: EET 230.

301. Intermediate Network Analysis and Design. 3 hrs. Prerequisites: EET 111 or equivalent and junior standing. Corequisite: MAT **136.** Develop additional skills in the time/frequency domain; network analysis.

311. Applications of Semiconductor Devices I. 3 hrs. Prerequisite: EET 210. Corequisites: EET 311L and PHY 112. Analysis and design of dc and small-signal amplifiers based on BJTs and FETs; difference amplifiers.

311L. Applications of Semiconductor Devices I Laboratory. 1 hr. Corequisite: EET 311.

312. Applications of Semiconductor Devices II. 3 hrs. Prerequisites: EET 311 and PHY 111. Corequisite: EET 312L. OPAMPS, power amplifiers, voltage regulators, special devices.

312L. Applications of Semiconductor Devices II Laboratory. 1 hr. Corequisite: EET 312. Laboratory applications of linear devices and circuits.

315. Design of High-Frequency and Communications Circuits. 3 hrs. Prerequisites: EET 311, MAT 136, and PHY 112. Corequisite: EET 315L. RF amplifiers and oscillators; signal spectra; noise; modulation; demodulation; phase-locked loops.

315L. High-Frequency Communications Laboratory. 1 hr. Corequisite: EET 315.

323. Advanced Analytical Methods. 3 hrs. Prerequisite: MAT 137. Laplace transform methods for analog signals and systems; transfer functions; z-transform methods for discrete time signals and systems; frequency-domain methods.

324. Applied Discrete Transforms. 3 hrs.

342. Electrical Energy Systems. 2 hrs. Prerequisites: EET 111 and PHY 112. Corequisite: EET 342L. AC and DC motors and generators.

342L. Electrical Machinery Laboratory. Corequisite: EET 342. 1 hr.

392. Special Problems. 1-3 hrs.

400. Senior Project. 2 hrs. Prerequisite: Senior standing and approval of faculty adviser. Project should be in area of student's specialization. (Students undertaking a Seniors Honor Project will enroll in EET H400.)

401. Senior Project. 2 hrs. Prerequisite: EET 400. (Students undertaking a Seniors Honors Project will enroll in EET H401.)

412. Advanced Circuit Analysis. 2 hrs. Prerequisites: EET 111, CET 323, and PHY 112. Corequisite: EET 412L. Transfer functions; network analysis by Laplâce transform methods.

412L. Advanced Circuit Analysis Laboratory. 1 hr. Corequisite: EET 412.

450. Microwave Technology. 3 hrs. Prerequisites: EET 315, MAT 137, PHY 112. Corequisites: EET 450L. Introduction to microwave technology with special emphasis on microwave communications systems and radar; microwave components and circuits; measurement techniques; fault isolation.

450L Microwave Laboratory. 1 hr. Corequisite: EET 450.

477. Introduction to Control Systems Technology. 3 hrs. Prerequisites: EET 323 and EET 312. Corequisite: EET 477L. Fundamental control system theory and applications; servomechanisms; process control; measurement and instrumentation.

477L. Control Systems Laboratory. 1 hr. Corequisite: EET 477.

492. Special Problems. 1-3 hrs. Prerequisite: Senior standing and approval of faculty adviser. Supervised study in areas not covered by available courses.

ENGINEERING TECHNOLOGY (ENT)

100. Engineering Graphics. 3 hrs. The basics of engineering drawing: tools and equipment, geometric construction, sketching, projections, dimensioning, and tolerances. Introduction to computer-aided drafting and design (CADD).

110. Descriptive Geometry. 3 hrs. Prerequisite: ENT 100. Parametric solid modeling; study of objects using computers.

120. Computational Methods in Engineering Technology. 3 hrs. Applications of software used in technology disciplines, mathematics, and physics.

121. Introduction to Engineering Technology. 3 hrs. An overview of the various fields of engineering technology including tools used throughout the field.

260. Vector Statics. 3 hrs. Prerequisites: MAT 101 and MAT 103. Forces in 2 and 3 dimensions, equilibrium, structures, friction. Vector notation.

320. Computer-Aided Drafting and Design I. 3 hrs. Prerequisite: ENT 120. Commercial CADD systems; hardware and software, graphics programming in two- and three- dimensions.

330. Applied Thermal Science I. 3 hrs. Corequisite: MAT 136. Heat energy, heat flow, and basic thermodynamic principles.

340. Strength of Materials. 3 hrs. Prerequisite: ENT 260. Centroids, stress, elastic deformation. Shear and flexure stress in beams. Combined stress and Mohr's circle.

340L. Strength of Materials Laboratory. 1 hr. Corequisite: ENT 340.

360. Mechanics of Materials. 3 hrs. Prerequisites: CSS 240, MAT 168, and PHY 201. Stresses and strains; deformations; axial, torsional, bending and combined loading; thermal stresses; FORTRAN programs.

360L. Mechanics of Materials Laboratory. 1 hr. Concurrent registration in ENT 360 is required.

390. Engineering Economics. 3 hrs. Prerequisite: MAT 136. Aspects of investment analysis relating to equipment justification, retirement, and replacement in industry.

400. Senior Project. 3 hrs. Prerequisite: Senior standing and approval of faculty adviser. Student required to select performance problem and develop and evaluate training intervention which addresses the problem or need.

420. Computer Aided Drafting and Design II. 3 hrs. Prerequisite: ENT 320. CADD applied to architectural and engineering drawing using AUTOCAD.

421. Computer-Aided Design and Drafting III. 3 hrs. Prerequisite: ENT 420 or CADD experience. Advanced CADD topics applied to architectural and engineering drawing using AutoLISP.

422. Modeling and Animation. 3 hrs. Prerequisite: ENT 420 or CADD experience. Computer modeling and animation developed with 3D Studio.

425. Virtual Reality. 3 hrs. Comprehensive study of Virtual Reality techniques to real-time visualization of engineering technology topics.

426. Virtual Reality II. 3 hrs. Prerequisites: ENT 425 and CSS 405. Study of advanced virtual reality programming techniques with VRML, JavaScript, and Java.

430. Solar Heating and Cooling. 3 hrs. Solar energy conversion methods; collectors; residential, commercial heating and cooling, and the economics of solar energy.

430L. Solar Heating and Cooling Laboratory. 1 hr.

440. Workforce Development Models. 3 hrs. Application of different instructional models to design workforce training of facts, concepts, procedures and processes.

443. Strategies for Technology Training. 3 hrs. Mastery of core competencies to develop and deliver technology training.

444. Fire Safety. 3 hrs. Codes and technology used in fire prevention, detection, protection, and suppression.

445. Ergonomics. 3 hrs. Standards, statutes, and technology used in ergonomic analysis of worksites. Prevention and control of ergonomic risk conditions.

460. Performance Technology I. 3 hrs. Examines foundations, process models, interventions, and professional practice issues for improving workforce productivity and competence.

465. Performance Technology II. 3 hrs. Prerequisite: ENT 460. Investigation of innovative techniques to deliver training and performance interventions.

470. Electronics for Scientists. 3 hrs. Prerequisite: PHY 112 or 202. Corequisite: ENT 470L. Practical electronics needed for maximum utilization of scientific instrumentation, automation, and logic circuits.

470L. Electronics for Scientists Laboratory. 1 hr. Corequisite: ENT 470.

475. Workforce Analysis. 3 hrs. Prerequisite: ENT 460. Applied research methods and tools for the training professional to analyze and evaluate the worker, work processes, and the organization.

492. Special Problems. 1-6 hrs. Topics in Engineering Technology I.

493. Special Problems. 1-3 hrs. Topics in Engineering Technology II.

496. Industrial Internship. 1-6 hrs. A minimum of 400 total hours of internship under the direct supervision of industrial professionals in collaboration with USM faculty.

ENGLISH (ENG)

090. Developmental Writing. 3 hrs. Develops basic writing skills. (Open only to students in Developmental Education Program)

099. Introduction to Composition. 3 hrs. Required of entering freshmen with a below minimum English score on the ACT. Does not satisfy any University core or degree requirement.

100. Basic Composition. 3 hrs. (May not count toward a major, minor, or core.) Stresses grammar, mechanics, usage, and other basic writing skills.

101. Composition One. 3 hrs. Stresses clear, effective writing with special attention to syntactical and organizational skills. (CC 1113, 1213)

102. Composition Two. 3 hrs. Prerequisite: English 101. Refines compositional skills and stresses additional rhetorical and research methods. (CC 1123, 1223)

200. Introduction to Drama. 3 hrs. Focuses on drama of the western world.

201. Introduction to Fiction. 3 hrs. Focuses on the various types and modes of fiction, both short stories and novels.

202. Introduction to Poetry. 3 hrs. Focuses on major English and American poetry.

203. World Literature. 3 hrs. Acquaints students with significant figures and works of world literature. (CC 2413, 2423, 2453)

206. The Study of Language. 3 hrs. Introduction to issues relevant to the understanding of language theory and use.

221. Fiction Writing I. 3 hrs. Introduction to fiction writing.

222. Poetry Writing I. 3 hrs. Introduction to poetry writing.

300. Vocabulary Development. 3 hrs. (May not count toward major, but with permission of the English Department adviser may count toward the minor.) Stresses the improvement of vocabulary.

301. English Grammar. 3 hrs. A comparative study of traditional and structural grammars, with attention to usage and rhetorical uses of grammar.

311. Survey of Contemporary Literature. 3 hrs. Surveys major contemporary writers and their influences. (Required for secondary or middle grade certification.)

319. Literary Study of the Bible. 3 hrs. Examines the literary structure, style, and content of the English Bible.

321. Fiction Writing II. 3 hrs. Prerequisite: ENG 221. Stresses the techniques of short fiction writing.

322. Poetry Writing II. 3 hrs. Prerequisite: ENG 222. Stresses the techniques of poetry writing.

332. Advanced Composition. 3 hrs. Prerequisite: ENG 101 and ENG 102. Junior standing recommended. Emphasizes writing, research, and documentation skills needed for professional papers.

333. Technical Writing. 3 hrs. Prerequisite: English 101, 102 and junior standing or twelve hours in student's major field. Stresses report writing in student's major field.

340. Analysis of Literature. 3 hrs. Introduces the discipline of literary criticism. Prerequisites: ENG 101, 102, 203.

350. Survey of British Literature I. 3 hrs. Surveys major British literature from the Old English period to the Romantic period.

351. Survey of British Literature II. 3 hrs. Surveys major British literature from Romantic period to the present.

370. Survey of American Literature I. 3 hrs. Surveys American literature from its beginnings to the Civil War.

371. Survey of American Literature II. 3 hrs. Surveys American literature from the Civil War to the present.

372. African-American Literature. 3 hrs. Surveys major African-American writers and their influences.

373. American Poetry. 3 hrs. Surveys American poetry.

400. Senior Seminar. Prerequisite: Senior standing. Explores various literary topics in a seminar setting. Repeatable to six hours.

401. Advanced Grammar. 3 hrs. Introduces structural and transformational grammar.

403. Language Study for Teachers. 3 hrs. The study of language and language theories with pedagogical applications.

406. History of the English Language. 3 hrs. Surveys the development of the English language from Old English to the present.

413. Survey of The Modern Novel. 3 hrs. Examines major British and Continental novels of the last hundred years.

415. Survey of Modern Poetry. 3 hrs. This course will acquaint students with the work of the significant modern poets, as well as the modern period's important poetic innovations and movements.

417. Survey of Modern Drama. 3 hrs. Surveys important British and Continental dramas of the twentieth century.

418. Literature for the Adolescent. 3 hrs. Study of literature and pedagogical theory for use with secondary school students.

419. Studies in World Literature. 3 hrs. Focuses on Continental, British, and American writers of the nineteenth and the twentieth centuries. Repeatable to nine hours.

421. Fiction Writing III. 3 hrs. Prerequisites: English 221 and 321. Provides an opportunity to develop techniques of fiction writing. Repeatable to nine hours.

422. Poetry Writing III. 3 hrs. Prerequisites: English 222 and 322. Provides an opportunity to develop techniques of poetry writing. Repeatable to nine hours.

423. Creative Non-fiction Writing. 3 hrs. Workshop in writing non-fiction prose: personal essay, reviews, opinion.

425. Readings in the Theory of Fiction. 3 hrs. Emphasizes theories and forms of contemporary fiction. Repeatable to six hours.

426. Readings in the Theory of Poetry. 3 hrs. Emphasizes theories and forms of contemporary poetry. Repeatable to six hours.

433. Advanced Technical Writing. 3 hrs. Advanced course in technical writing in which students prepare three or four major assignments related to a single research problem.

440. Literary Criticism. 3 hrs. Provides a historical approach to the study of literary criticism from the classical period to the present. Emphasis will be on major texts and critics.

450. Survey of Medieval Literature, 500-1500. 3 hrs. Surveys world literature of the period.

451. Chaucer. 3 hrs. Emphasizes a close reading of The Canterbury Tales.

452. Arthurian Literature. 3 hrs. Surveys the literature treating the legend of King Arthur.

454. Survey of Shakespeare . 3 hrs. Studies a selected group of Shakespeare's work, including plays of several genres.

455. Studies in Shakespeare. 3 hrs. Studies a selected group of Shakespeare's work according to genre, theme, or special topic.

456. Survey of Sixteenth-Century English Literature. 3 hrs. Surveys the more important English writers of this period.

457. Survey of the Development of British Drama to 1642. 3 hrs. Surveys English drama from its beginnings to 1642, exclusive of Shakespeare.

458. Survey of Seventeenth-Century British Prose and Poetry. 3 hrs. Surveys the period 1600-1660, with emphasis on the "schools" of Donne and Jonson.

459. Milton. 3 hrs. Focuses on the poetry and prose of Milton, with emphasis on the major works.

460. Survey of British Literature, 1660-1740. 3 hrs. Surveys British Literature from the Restoration to 1740.

462. Survey of British Literature, 1740-1798. 3 hrs. Surveys British Literature from 1740 to 1798.

463. Victorian Fiction and Prose. 3 hrs. Surveys British fiction and non-fiction prose in the period 1830-1900.

464. Survey of the British Novel to 1900. 3 hrs. Surveys the development of British fiction from Richardson through Hardy.

465. Survey of Nineteenth-Century British Literature: Romantic. 3 hrs. Surveys poetry and prose of the period 1790 to 1830.

466. Victorian Poetry and Drama. 3 hrs. Surveys British poetry and drama of the period 1830 to 1900.

467. Survey of Twentieth-Century British Literature. 3 hrs. Surveys major twentieth-century British writers, emphasizing novelists and dramatists.

468. British Women Writers. 3 hrs. Emphasizes literature written by British women writers. Variable content.

469. Studies in British Literature. 3 hrs. Examines various topics in British Literature. Repeatable to nine hours.

470. Survey of the American Literary Renaissance, 1820-1870. 3 hrs. Examines the writings of Emerson, Thoreau, Hawthorne, Melville, Whitman, and others.

471. Survey of the Rise of Realism in American Literature, 1870-1920. 3 hrs. Examines American Literature after the Civil War, focusing on realism and naturalism.

472. Survey of American Drama. 3 hrs. Surveys American drama from its beginnings to the present, with emphasis on the twentieth century.

473. Studies in African-American Literature. 3 hrs. Focuses on specific genres, topics, or writers of African-American Literature.

477. Survey of the American Novel 1920 to 1960. 3 hrs. Surveys techniques and historical backgrounds of the major novelists.

478. American Women Writers. 3 hrs. Emphasizes literature written by American women writers. Variable content.

485. Survey of Literature of the South. 3 hrs. Emphasizes the fiction, poetry, and drama of twentieth-century Southern writers.

489. Studies in American Literature. 3 hrs. Focuses on notable movements, genres, and problems of American literature. Repeatable to nine hours.

490. Reading/Writing Theory and Application. 3 hrs. Focuses on reading/writing theory and applications for teacher-licensure students.

491. Methods in English—Secondary. 3 hrs. Prerequisite: CIS 313. Corequisite: ENG 491L. Focuses on methods and experiences of teaching English in secondary schools.

491L. Secondary English Methods Lab. 1 hr. Corequisite: ENG 491. A laboratory practicum in school settings to accompany ENG 491.

492. Special Problems. 1-3 hrs. Prerequisite: Consent of instructor. Provides the opportunity to pursue a special topic or area of interest (Students undertaking a Senior Honors Project will enroll in ENG H492.). Repeatable to 9 hrs.

493. Irish Studies. 4 hrs. A three-week course taught in Ireland as part of the USM British Studies Program. Content will vary.

494. Practice Teaching in English I. 7 hrs.

495. Practice Teaching in English II. 7 hrs.

496. Caribbean Studies. 3-6 hrs. Variable content. Lecture series under the auspices of the Center for International Education.

497. Special Topics in British Studies. 6 hrs. In-depth study in selected topics in British literature. Part of the USM British Studies Program.

498. British Studies I. 3-6 hrs. A five-week course taught in London, England. Generally offers an intensive study of topics and figures from the beginnings of English literature to 1800.

499. British Studies II. 3-6 hrs. A five-week course taught in London, England. Generally offers an intensive study of topics and figures in English literature from 1800 to the present.

ENVIRONMENTAL SCIENCE (ESC)

250. Industrial Safety. 3 hrs. Comprehensive study of OSHA regulations for industrial site safety and implementation methods for compliance.

301. Living in the Environment. 3 hrs. Physical, biological, social, political, and economic problems associated with current environmental issues.

302. Environmental Improvement Project. 3 hrs. Prerequisite: ESC 301. Performing an actual environmental improvement project.

330. Principles of Environmental Health. 3 hrs. Environmental factors relating to transmission of communicable disease, chemical, and physical hazards to man.

392. Special Problems. 1-3 hrs.

401. Environmental Sampling. 4 hrs. Prerequisite: CHE 104 and ESC 301. Methods for sampling solids, liquids, and gases for environmental testing.

405. Environmental Impact Statements. 3 hrs. Preparation of environmental impact statements.

406. Environmental Remediation. 3 hr. Prerequisite: CHE 104. A study of the environmental remediation process and methods for contaminated soils, sludges, slurries, and water systems.

430. Environmental Management Systems-ISO 14000 in Industry. 3 hrs. Prerequisite: ESC 301. Study of Environmental Management Systems, codes, standards, and development of a draft ISO 14000 Environmental Management System.

431. Environmental Safety. 2 hrs. Detection and control of harmful agents in working environments, such as vapors, gases, mists, radiation, and sound.

431L. Environmental Safety Laboratory. 1 hr.

450. Pollution Control. 3 hrs. Prerequisite: CHE 104. Study of pollution, its origins and effects, and methods of pollution abatement. Emphasis on control mechanisms, industrial control equipment, and operations.

492. Special Problems. 1-3 hrs.

FAMILY AND CONSUMER SCIENCES EDUCATION (FCS)

201. Introduction to Family and Consumer Sciences. 1 hrs. Prerequisite: Sophomore standing. Development of knowledge and skills needed by the professional in family and consumer sciences. Includes at least 15 hours of observation.

301. Communication Skills for Professionals. 3 hrs. Prerequisite: Completion of basic core (FCS), CIS 313, or Junior standing (HEIB). Planning and organizing the family and consumer sciences curriculum; use of various instructional strategies; managing the learning environment. Includes at least 15 hours of practical experience.

401. Family Life Education. 3 hrs. Prerequisite: 3 hrs. in Family Studies. General philosophy and broad principles of family life education with emphasis on planning, implementing, and evaluating such educational programs.

404. Consumer Economics. 3 hrs. Study of how consumers, business, and government interact in the exchange of goods and services in the marketplace.

409. Occupational Family and Consumer Sciences. 3 hrs. Developing and evaluating teaching units for family and consumer sciences-related occupational programs.

412. Supervised Field Experience in Family and Consumer Sciences Related Occupations. 6 hrs. Preparation for Mississippi Certification in Occupational Family and Consumer Sciences; supervised work experience is required.

490. Student Teaching in Junior or Middle School Family and Consumer Sciences. 7 hrs. Prerequisite: FCS 301 with grade no lower than B and permission of instructor. Supervised field-based internship in junior high school or middle school Family and Consumer Sciences instruction.

491. Student Teaching in Senior High School Family and Consumer Sciences. 7 hrs. Prerequisite: FCS 301 with grade no lower than B and permission of instructor. Supervised field-based internship in senior high school Family and Consumer Sciences instruction.

492. Special Problems. 1-4 hrs. Arr. (Students undertaking a Seniors Honor Project will enroll in FCS H492.)

FAMILY STUDIES (FAM)

101. Introduction to Professional Studies. 1 hr. Introduces the integrative nature of professions dealing with quality of life for individuals and families and issues of professional ethics.

150. Social and Professional Development. 2 hrs. Study of skills and competencies necessary for effective social and professional interactions.

151. Personal Development and Interpersonal Relationships. 3 hrs. A study of human development through awareness and understanding of peer and family relationships.

351. Marital and Family Relationships. 3 hrs. A study of relationship changes over the family life cycle with an emphasis on coping with normative and catastrophic stressors.

441. Internship. 3 hrs. Prerequisite: Senior standing and consent of instructor. supervised field experiences in a business or industry setting.

442. Personal and Family Financial Management. 3 hrs. Methods of obtaining and managing financial resources across the family life span.

443. Family Resource Management. 3 hrs. Prerequisite: FAM 442 or consent of instructor. Application of management principles to the problems of individuals and families.

450. Sexuality in the Family. 3 hrs. Research and theory on the impact of family life cycle changes on sexuality, intimacy, and gender needs and implications for the helping professional.

451. Marriage Adjustments: Communication and Conflict. 3 hrs. Mate selection, marital adjustment, divorce, and remarriage are examined. Emphasis on communication, power struggles, and problem solving.

452. Parenthood. 3 hrs. Preparation for parenthood. Relationships of parents and children studied, with emphasis on parenting styles and practices. The need for parent education and theory and practices underlying adult development discussed.

453. The Family in Later Life. 3 hrs. An examination of the aging process and intergenerational relationships, family life cycle, normative and non-normative changes and influences, and multiple stressors will be emphasized.

454. Special Topics in Gerontology. 1-3 hrs. Study of current issues in the field of aging. Topics will vary. May be repeated with permission of adviser.

475. Contemporary Issues Affecting the Quality of Life. 3 hrs. Prerequisite: FAM 101 and Senior Standing. Interdisciplinary problem solving regarding issues of importance in improving the quality of human life.

490. Practicum. 3-9 hrs. Prerequisites: FCS 401 and Senior standing. Supervised work experience in a family service agency or similar setting.

492. Special Problems in Family and Consumer Sciences. 1-4 hrs. Prerequisites: Consent of instructor. (Students undertaking a Seniors Honor Project will enroll in FAM H492.

498. British Studies Program: Studies in Family Relations. 3-6 hrs. Current topics, trends, and issues which impact the family. Offered in London, England.

FASHION MERCHANDISING AND APPAREL STUDIES (FMA)

121. Fashion Fundamentals. 3 hrs. An introduction of fashion merchandising with an overview of the fashion production and merchandising system.

131. Basic Apparel Construction. 3 hrs. Understanding and applying the fundamental principles of garment construction. (CC 1313)

220. Professional Image and Dress. 1 hr. A study of dress and appearance in developing a professional image.

221. Fashion Modeling and Fashion Show Production. 3 hrs. Basic principles of fashion modeling and fashion show production.

222. Fashion Presentations. 3 hrs. A study of fashion presentations and visual merchandising for different classifications of merchandise in the apparel, textiles, and accessories markets.

321. Study Tour. 1-6 hrs. Planned tour to market centers with emphasis on clothing, textiles, and fashion.

330. Textiles I. 3 hrs. A study of the production, properties, and performance of textile fibers, yarns, fabrics, and finishes.

331. Evaluating Apparel Construction. 3 hrs. Prerequisites: FMA 131 and 330. Utilization of elementary research principles applied to evaluation of sewn apparel products and their production methods related to cost, quality, performance, and appearance.

332. Art of Dress. 3 hrs. Experiences in perceiving visual design elements and social psychological factors as they relate to dress.

333. Advanced Apparel Construction. 3 hrs. Prerequisites: FMA 131 and 330. Application of advanced apparel construction techniques with emphasis on pattern alteration.

334. Textiles II. 3 hrs. Prerequisite: FMA 330. Advanced study of textile products.

335. Costume History. 3 hrs. Prerequisites: HIS 101 and 102. Cultural and economic factors concurrent to the adoption and abandonment of dress from ancient times to the present.

337. Evaluating Fashion Merchandise. 3 hrs. Prerequisite: FMA 331: Application of intermediate research principles and evaluation of specialized fashion merchandise categories in relation to variety, quality, market niche, and consumer demand.

421. International Fashion Study. 2-9 hrs. Planned study of international fashion centers with emphasis on clothing, textiles, and merchandising. May be repeated up to 9 hrs.

431. Tailoring. 3 hrs. Prerequisite: approval of instructor. Principles and techniques of tailoring applied to men's and women's apparel.

433. Flat Pattern Design. 3 hrs. Application of flat pattern design techniques to the creation of dress designs.

434. History of Decorative Textiles. 3 hrs. Prerequisites: FMA 330, or approval of instructor. Historical and methodological study of applied and structural textile design.

435. Merchandising Mathematics. 3 hrs. Prerequisite: MKT 300. Basic principles and applications of merchandising mathematics as related to the fashion industry.

436. Fashion Merchandising. 3 hrs. Prerequisites: FMA 121, 435, and MKT 300. A study of the assignments, responsibilities, and practices of fashion buying and merchandising.

444. Computer-Aided Apparel Design. 3 hrs. Prerequisites: FMA 331 and FMA 433. Utilization of computer-aided design techniques to design apparel and to draft, grade, and lay out apparel patterns. Includes laboratory experiences.

437. Principles of Apparel Design and Production. 3 hrs. Prerequisites: FMA 331, 332 and 330. A study of the historical beginnings, the development and current methods used in the design and production of apparel and accessories.

439. Retail Merchandising Internship. 2-4 hrs. Prerequisites: FMA 337, 435 and 436, MKT 300, ENG 333, and senior standing. Understanding the operation and management of retail activities through a supervised work program in a cooperating apparel retail store. To qualify, students must have an overall 2.25 GPA. Approval must be obtained through application to the internship coordinator prior to registering.

478. Seminar in Clothing and Textiles. 1-6 hrs. Designed to examine pertinent issues and current trends in textiles and clothing.

492. Special Problems. 1-6 hrs. A directed individual study planned and approved by the chair of the department (Students undertaking a Seniors Honor Project will enroll in FMA H492.)

FINANCE (FIN)

(Enrollment in courses numbered 300 or above requires at least junior standing.)

300. Principles of Finance. 3 hrs. Prerequisites: ACC 200, ECO 202, and MIS 201, 202. A study of the principles of financial analysis. Grade of C or better required to take higher-level finance courses.

310. Money and Capital Markets. 3 hrs. Co-requisite: FIN 300. A study of the financial instruments and operations of financial markets.

320. Personal Financial Planning. 3 hrs. Prerequisites: ACC 200 and ECO 202. Study of the management of personal financial affairs.

350. Bank Administration. 3 hrs. Prerequisite: FIN 300. A comprehensive survey of management problems faced by banks.

352. Principles of Investments. 3 hrs. Prerequisite: FIN 300. Introduction to security analysis and portfolio theory.

380. Small Business Finance. 3 hrs. Prerequisite: FIN 300. Develops understanding of small business financial needs, especially financial statement analysis and working capital management.

392. Estate and Business Planning. 3 hrs. Prerequisite: BA 200. The role of wills, trusts, loans, and insurance in a personal and business planning framework.

462. Security Analysis. 3 hrs. Prerequisite: FIN 300. A study of international, national, industrial, and corporate effects on security prices.

472. International Business Finance. 3 hrs. Prerequisite: FIN 300. A study of the financial management problems faced by multinational business firms.

480. Financial Management. 3 hrs. Prerequisite: FIN 300. The application of financial theory to the management decisions faced by business firms.

492. Special Problems in Finance. 1-6 hrs. Prerequisite: Consent of Chair. Individual study of an approved topic in Finance. (Students undertaking a Senior Honors Project will enroll in FIN H492.)

498. International Finance Seminar Abroad. 3 hrs. Prerequisite: Consent of Program Director. Conducted in London, England: a series of lectures and discussions involving authorities on international financial issues and practices.

499. International Finance Research Abroad. 3 hrs. Prerequisite: Consent of Program Director. A research course in international finance offered for students enrolled in FIN 498.

FOREIGN LANGUAGES (FL)

101. Introduction to Exotic Languages I. 3 hrs.

102. Introduction to Exotic Languages II. 3 hrs. Prerequisite: FL 101 in the same language.

181. Beginning Credit for Study Abroad. 3-6 hrs. Prerequisites: prior arrangements for evaluation and receipt of credit. Credit will be granted for systematic study of the language and culture of the language and literature of a foreign area. Study must be under the direction of a recognized teaching institution approved in advance by the Department of Foreign Languages. The department will examine and grade the progress and achievement of the participants in this program before granting credit.

281. Intermediate Credit for Study Abroad. 3-6 hrs. Prerequisites: At least six (6) hours at the 100 level; otherwise same as 181.

310. German Literature in Translation. 3 hrs. A study of major works, including Goethe's Faust, in their cultural and historical contexts.

333. Greek Literature and Culture. 3 hrs. A study in translation of the works of such authors as Homer, Aeschylus, Sophocles, Plato, and Aristotle.

340. French Literature in Translation. 3 hrs. A study of the major works of French literature from the medieval to the modern period.

353. Roman Literature and Culture. 3 hrs. A study in translation of the works of such authors as Lucretius, Cicero, Vergil, and Seneca.

354. Medieval and Renaissance Humanism. 3 hrs. A study in translation of the works of such authors as Augustine, Boethius, Abelard, Petrarch, Dante, and Erasmus.

370. Spanish Literature in Translation. 3 hrs. A study of the major works of the literature of Spain from 1140 to 1940.

381. Junior Credit for Study Abroad. 3-9 hrs. Prerequisites: At least six (6) hours at the 200 level; otherwise same as 181.

401. World Languages and Cross-Cultural Training. 3 hrs. Introduction to major world languages with accompanying cross-cultural training. May not be used to fulfill requirements for either a major or minor in foreign languages or to fulfill the language requirement for the B.A. degree.

431. Foreign Language Film. 1-3 hrs. Prerequisite: Consent of instructor. Study of literary and linguistic aspects of foreign films in a given foreign language.

461. Methods of Teaching Foreign and Second Languages. 3 hrs. Prerequisite: CIS 313. Corequisite: FL 461L. May be taken for a total of six (6) hours.

461L. Methods of Teaching Foreign and Second Languages Lab. 1 hr. Must be taken concurrently with FL 461.

462. Translation. 3 hrs. Prerequisite: Consent of instructor.

481. Senior Level Credit for Study Abroad. 3-9 hrs. Arranged. Prerequisite: At least six (6) hours at the 300 level; otherwise same as 181.

492. Special Problems. 1-3 hrs. Prerequisite: Consent of instructor. May be repeated twice. (Students undertaking a Senior Honors Project will enroll in FL H492.)

494. Student Teaching in Foreign Language I. 7 hrs.

495. Student Teaching in Foreign Language II. 7 hrs.

CHINESE (CHI)

101. Beginning Chinese I. 3 hrs.

102. Beginning Chinese II. 3 hrs. Prerequisite: CHI 101 or equivalent.

201. Intermediate Chinese I. 3 hrs. Prerequisite: CHI 102 or equivalent. Designed for greater fluency in oral and written use of Chinese (Mandarin), increase vocabulary, grammar, and culture.

202. Intermediate Chinese II. 3 hrs. Prerequisite: CHI 201 or equivalent. Designed for greater fluency in oral and written use of Chinese (Mandarin), increase vocabulary, grammar, and culture.

FRENCH (FRE)

101. Beginning French I. 3 hrs. (CC 1113)

102. Beginning French II. 3 hrs. Prerequisite: FRE 101 or equivalent. (CC 1123)

181. Beginning French Credit for Study Abroad. 3-6 hrs. Prerequisites: prior arrangements for evaluation and receipt of credit. Credit will be granted for systematic study of French language and culture in a recognized teaching institution, in a French speaking country, approved in advance by the Department of Foreign Languages and Literatures. The department will examine and grade the progress and achievement of the participants in this program before granting credit.

201. Intermediate French I. 3 hrs. Prerequisite: FRE 102 or equivalent. (CC 2113)

202. Intermediate French II. 3 hrs. Prerequisite: FRE 201 or equivalent. (CC 2123)

281. Intermediate French Credit for Study Abroad. 3-6 hrs. Prerequisites: French 102 or equivalent; otherwise, same as FRE 181. Intermediate level study abroad of the French language and culture (the equivalent of FRE 201 and/or 202), with particular emphasis on communicative skills at this level.

305. French Grammar Review. 3 hrs. Prerequisite: FRE 202 or equivalent. Advanced study of French grammar and stylistics: composition, reading and stylistic analysis.

321. French Conversation and Discourse. 3 hrs. Prerequisite: FRE 202 or equivalent. Development/Improvement of listening and speaking skills in French.

340. Reading in French. 3 hrs. Prerequisite: FRE 202 or equivalent. This course aims to build reading skills in French with special attention given to word recognition, global comprehension, and the understanding of cultural and historical context.

342. Masterpieces of Afro-French Literature in Translation. 3 hrs. A study of different genres of Afro-French literature in translation. Works from French-speaking Africa and the Caribbean area. Prerequisite: ENG 203.

381. Junior Level Credit for Study Abroad. 3-9 hrs. Prerequisite: FRE 202 or equivalent; otherwise same as FRE 181. Intermediate-advanced systematic study abroad of the French language and culture, with particular emphasis on (I) oral communication, (II) reading, (III) writing, at the junior year level.

405. French Phonology. 3 hrs. Prerequisite: At least 3 hours at the 300 level or permission of instructor. An introduction to French phonemics and phonetics with intensive practice in the pronunciation of standard and nonstandard French.

406. Advanced Composition. 3 hrs. Prerequisite: At least three (3) hours of French at the 300 level. Practice in descriptive, narrative, analytical and research composition, with attention to style, vocabulary, and morphology as well as to methods of organization and presentation.

411. Advanced Conversation. 3 hrs. Prerequisite: Advanced knowledge of French. Intensive practice in formal and informal language use. On topics drawn from print and electronic media.

431. French Film. 3 hrs. Prerequisite: Consent of instructor. Study of literary and linguistic aspects of foreign films in a given foreign language.

434. France in the Fifth Republic. 3 hrs. Prerequisite: One French course at the 300 level. Contemporary French education, politics, social and intellectual attitudes, urban and rural life.

435. Modern France. 3 hrs. Prerequisite: At least three (3) hours of French at the 300 level. Contemporary French education, social attitudes, politics, urban and rural life. May be repeated once.

436. Francophone Civilization and Culture. 3 hrs. Prerequisite: 3 hours of French at the 300-level. Studies in the history, art, beliefs, behavior, and values of France and French-speaking cultures. Topics will vary. May be repeated once.

442. Survey of French Literature. 3 hrs. Prerequisite: FRE 341. A chronological study of French literature. May be repeated for a total of six hours if topics vary.

445. Topics in French Literature. 3 hrs. Prerequisite: FRE 341. May be taken for a total of six hours if topics vary.

447. The Negritude Literary Movement. 3 hrs. A study of different works associated with the negritude literary movement, encompassing areas of French-speaking Africa and the Caribbean area. Prerequisite: a 300-level French course.

481. Senior Level Credit for Study Abroad. 3-9 hrs. Arr. Prerequisite: At least six (6) hours at the 300 level; otherwise same as FRE 181.Advanced systematic study abroad of the French language, with particular emphasis on (I) oral and written communication (equivalent to FRE 411, FRE 406), (II) culture and civilization (equivalent to FRE 435, FRE 436), (III) literature (equivalent to FRE 445), at the senior year level.

491. Advanced Studies in the French Language. 3 hrs. Prerequisites: Completion of at least one 300-level course and permission of instructor. Content varies in response to students' interests and needs. May be repeated once.

492. Special Problems. 1-3 hrs. Prerequisite: Consent of the instructor and approval by chair. May be repeated twice.

GERMAN (GER)

101. Beginning German I. 3 hrs. (CC 1313)

102. Beginning German II. 3 hrs. Prerequisite: GER 101 or equivalent. (CC 1323)

201. Intermediate German I. 3 hrs. Prerequisite: GER 102 or equivalent. (CC 2313)

202. Intermediate German II. 3 hrs. Prerequisite: GER 201 or equivalent. (CC 2323)

281. Intermediate German Credit for Study Abroad. 3-6 hrs. Prerequisite: GER 102 or equivalent; prior arrangements for evaluation and receipt of credit. Intermediate level study abroad of the German language and culture (the equivalent of GER 201 and/or 202), with particular emphasis on communicative skills at this level. Credit will be granted for systematic study of the German language and culture in a recognized teaching institution, in a German speaking country, approved in advance by the Department of Foreign Languages. The department will examine and grade the progress and achievement of the participants in this program before granting credit.

305. Conversation and Composition. 3-6 hrs. Prerequisite: GER 202 or equivalent. May be taken for a total of 6 hours if topics vary.

341. Reading German. 3-6 hrs. Prerequisite: GER 202. An introduction to reading German literature and other documents for comprehension and literary analysis. May be taken for a total of 6 hours if topics vary.

381. Junior Level Credit for Study Abroad. 3-9 hrs. Prerequisites: GER 202 or equivalent; otherwise same as GER 281.Intermediate-advanced systematic study abroad of the German language and culture, with particular emphasis on (I) oral communication, (II) reading, (III) writing, at the junior year level.

405. German Diction and Phonetics. 3 hrs. Prerequisite: Permission of instructor.

406. Advanced Grammar. 3 hrs. Prerequisite: GER 341. Advanced study of German grammar, reading and stylistic analysis.

442. Survey of German Literature. 3 hrs. Prerequisite: GER 341. A chronological study of German literature. May be taken for a total of six hours if topics vary. Credit obtained through study abroad.

443. Survey of German Literature II. 3 hrs. Prerequisite: GER 341. May be repeated for a total of six (6) hours if topics vary. Credit obtained through study abroad.

445. Topics in German Literature. 3 hrs. Prerequisite: GER 341. May be taken for a total of six hours if topics vary. Credit obtained through study abroad.

446. The German Novelle. 3 hrs. Prerequisite: GER 341. A study of important Novellen representative of literary currents in the nineteenth and twentieth centuries, and an examination of literary theory relevant to the genre.

481. Senior Level Credit for Study Abroad. 3-9 hrs. Prerequisites: At least six (6) hours at the 300 level; otherwise same as GER 281. Advanced systematic study abroad of the German language, with particular emphasis on (I) oral and written communication (equivalent to GER 406), (II) culture and civilization, (III) literature (equivalent to GER 445), at the senior year level.

491. Advanced Studies in the German Language. 3 hrs. Prerequisite: At least three hours of German at the 300 level. May be repeated for a total of six hours if topics vary. Credit obtained through study abroad.

GREEK (GRK)

101. Beginning Greek I. 3 hrs.

102. Beginning Greek II. 3 hrs. Prerequisite: GRK 101 or equivalent.

201. Intermediate Greek I. 3 hrs. Prerequisite: GRK 102 or equivalent.

202. Intermediate Greek II. 3 hrs. Prerequisite: GRK 201 or equivalent.

445. Readings in Greek Literature. 3 hrs. Prerequisite: GRK 201 or equivalent. May be taken for a total of nine hours if topics vary.

ITALIAN (ITA)

101. Beginning Italian I. 3 hrs.

102. Beginning Italian II. 3 hrs. Prerequisite: ITA 101 or equivalent.

181. Beginning Credit for Study Abroad. 3-6 hrs. Prerequisites: Prior arrangements for evaluation and receipt of credit. Beginning study of the Italian language and culture with emphasis on communicative skills (equivalent to ITA 101 and/or 102). Credit will be granted for systematic study of the Italian language and culture in a recognized teaching institution, approved in advance by the Department of Foreign Languages and Literatures. The department will examine and grade the progress and achievement of the participants in this program before granting credit.

201. Intermediate Italian I. 3 hrs. Prerequisite: ITA 102 or equivalent.

202. Intermediate Italian II. 3 hrs. Prerequisite: ITA 201 or equivalent.

281. Intermediate Credit for Study Abroad. 3-6 hrs. Prerequisites: At least six (6) hours at the 100 level; otherwise same as 181.

381. Junior Credit for Study Abroad. 3-6 hrs. Prerequisites: At least six (6) hours at the 200 level; otherwise same as 181.

481. Senior Credit for Study Abroad. 3-6 hrs. Prerequisites: At least six (6) hours at the 300 level; otherwise same as 181.

JAPANESE (JPN)

101. Beginning Japanese I. 3 hrs.

102. Beginning Japanese II. 3 hrs. Prerequisite: JPN 101 or equivalent.

201. Intermediate Japanese I. 3 hrs. Prerequisite: 102 or equivalent.

202. Intermediate Japanese II. 3 hrs. Prerequisite: 201 or equivalent.

LATIN (LAT)

101. Beginning Latin I. 3 hrs.

102. Beginning Latin II. 3 hrs. Prerequisite: LAT 101 or equivalent.

201. Intermediate Latin I. 3 hrs. Prerequisite: LAT 102 or equivalent. (CC 2413)

202. Intermediate Latin II. 3 hrs. Prerequisite: LAT 201 or equivalent. (CC 2423)

445. Readings in Latin Literature. 3 hrs. Prerequisite: LAT 202 or equivalent. May be taken for a total of nine hours if topics vary.

PORTUGUESE (POR)

101. Beginning Portuguese I. 3 hrs. Designed for greater fluency in oral and written use of Portuguese, increase vocabulary, grammar, and culture.

102. Beginning Portuguese II. 3 hrs. Prerequisite: POR 101 or equivalent. Designed for greater fluency in oral and written use of Portuguese, increase vocabulary, grammar, and culture.

201. Intermediate Portuguese I. 3 hrs. Prerequisite: POR 102 or equivalent. Designed for greater fluency in oral and written use of Portuguese, increase vocabulary, grammar, and culture.

202. Intermediate Portuguese II. 3 hrs. Prerequisite: POR 201 or equivalent. Designed for greater fluency in oral and written use of Portuguese, increase vocabulary, grammar, and culture.

RUSSIAN (RUS)

101. Beginning Russian I. 3 hrs.

102. Beginning Russian II. 3 hrs. Prerequisite: RUS 101 or equivalent.

201. Intermediate Russian I. 3 hrs. Prerequisite: RUS 102 or equivalent.

202. Intermediate Russian II. 3 hrs. Prerequisite: RUS 201 or equivalent.

305. Conversation and Composition. 3 hrs. Prerequisite: RUS 202.

341. Reading Russian. 3 hrs. Prerequisite: RUS 202.

SPANISH (SPA)

101. Beginning Spanish I. 3 hrs. (CC 1213)

102. Beginning Spanish II. 3 hrs. Prerequisite: SPA 101 or equivalent. (CC 1223)

181. Beginning Spanish Credit for Study Abroad. 3-6 hrs. Prerequisites: prior arrangements for evaluation and receipt of credit. Beginning study of the Spanish language and culture, with emphasis on communicative skills (equivalent to SPA 101 and/or SPA 102). Credit will be granted for systematic study of the Spanish language and culture in a recognized teaching institution, in a Spanish speaking country, approved in advance by the Department of Foreign Languages and Literatures. The department will examine and grade the progress and achievement of the participants in this program before granting credit.

201. Intermediate Spanish I. 3 hrs. Prerequisite: SPA 102 or equivalent. (CC 2213)

202. Intermediate Spanish II. 3 hrs. Prerequisite: SPA 201 or equivalent. (CC 2223)

231. Intermediate Reading and Civilization I. 3 hrs. Prerequisite: SPA 102 or equivalent. Reading skills and Spanish history and culture from the beginnings until 1700. Credit is not granted for both SPA 201 and SPA 231. Not applicable towards the major or minor.

232. Intermediate Reading and Civilization II. 3 hrs. Prerequisite: SPA 201 or SPA 231. Intermediate reading skills and Spanish history and culture from 1700 to the present. Credit is not granted for both SPA 202 and SPA 232. Not applicable towards the major or minor.

281. Intermediate Spanish Credit for Study Abroad. 3-6 hrs. Prerequisites: SPA 102 or equivalent; otherwise same as SPA 181 (See SPA 181). Intermediate level study abroad of the Spanish language and culture (the equivalent of SPA 201 and/or 202), with particular emphasis on communicative skills at this level.

305. Spanish Reading and Composition. 3 hrs. Prerequisite: SPA 202 and SPA 313. Reading in the contemporary short story, discussion of literary techniques, composition, grammar review.

313. Grammar Review. 3 hrs. Prerequisite: SPA 202. A review of the principles of Spanish grammar.

321. Spanish Intermediate Conversation. 3 hrs. Prerequisite: SPA 202. Prepared dialogs based on life situations and current events.

331. Hispanic Daily Life. 3 hrs. Prerequisite: SPA 202 or equivalent. A comprehensive study and review of the language and cultural protocols commonly encountered in everyday life in the Hispanic world.

332. Traditions, Festivals, and Icons. 3 hrs. Prerequisite: SPA 202 or equivalent (minimum of 12 hrs). The cultural traditions, festivals, and icons of the Hispanic world, their origins, underlying motives and roles they play in continuing to shape society's culture and values.

341. Introduction to Spanish Literature. 3 hrs. Prerequisite: SPA 202 or equivalent and SPA 305. Introduction to genres, literary structure, terms, methods of critical analysis and approaches to the reading and study of Spanish literature.

361. Spanish for Law Enforcement. 3 hrs. Prerequisite: SPA 201. For Criminal Justice majors only.

381. Junior Level Credit for Study Abroad. 3-9 hrs. Prerequisite: SPA 202 or equivalent; otherwise same as SPA 181 (See SPA 181). Intermediate-advanced systematic study abroad of the Spanish language and its culture, with particular emphasis on (I) oral communication, (II) reading, (III) writing, at the junior year level.

405. Spanish Phonetics. 3 hrs. Prerequisite: A minimum of 6 hours at the 300 level. A contrastive study of the phonetic systems of English and Spanish with emphasis on corrective exercises in Spanish pronunciation.

406. Advanced Composition and Grammar. 3 hrs. Prerequisite: SPA 305 and SPA 313 or equivalent. Review of basic grammar, progressing to more sophisticated aspects; idiom study; composition.

411. The Spanish Subjunctive. 3 hrs. Prerequisite: SPA 406. A study of subjunctive structures and concepts, with composition practice.

421. Advanced Conversation. 3 hrs. Prerequisite: SPA 321 and SPA 313. Conversational practice in formal and informal language drawn from print and electronic media.

435. Spanish Culture and Civilization. 3 hrs. Prerequisite: A minimum of 6 hours at 300 level. A chronological survey of Spanish history and culture from Celt-Iberian times to the present.

436. Latin American Culture and Civilization. 3 hrs. Prerequisite: A minimum of six hours at the 300 level. A chronological survey of Hispanic civilizations and institutions.

442. Survey of Spanish Literature. 3 hrs. Prerequisite: At least six hours of Spanish at the 300 level. May be taken for a total of six hours if topics vary.

445. Topics in Spanish Literature. 3 hrs. Prerequisite: At least six hours of Spanish at the 300 level. May be taken for a total of six hours if topics vary.

446. Don Quijote. 3 hrs. Prerequisite: A minimum of six hours at the 300 level. A study of the Cervantes novel, of its historical and literary background, and of the principal critical materials.

452. Topics in Latin American Literature. 3 hrs. Prerequisite: At least six hours of Spanish at the 300 level. May be taken for a total of six hours if topics vary.

481. Senior Level Credit for Study Abroad. 3-9 hrs. Prerequisites: At least six hours at the 300 level; otherwise same as 181 (see SPA 181). Advanced systematic study abroad of the Spanish language, with particular emphasis on (I) oral and written communication (equivalent to SPA 421, SPA 406), (II) culture and civilization (equivalent to SPA 435, SPA 436), (III) literature (equivalent to SPA 445, SPA 452), at the senior year level.

491. Advanced Studies in the Spanish Language. 3 hrs. Prerequisite: At least six hours at the 300 level. Content varies in response to students' interests and needs. Topics include: syntax, lexicography, and etymology. May be repeated for a total of six hours.

492. Special Problems. 1-3 hrs. Prerequisite: Consent of the instructor and approval by chair. May be repeated twice.

FORENSIC SCIENCE (FSC)

140. The Science of Forensic Science. 3 hrs. The biological, chemical, physical, and physiological principles important for the understanding of forensic science.

140L. The Science of Forensic Science Laboratory. 1 hr. Concurrent registration in FSC 140 is required.

310. Introduction to Forensic Science. 3 hrs. The collection and analysis of physical evidence.

310L Introduction to Forensic Science Laboratory. 1 hr. Concurrent registration in FSC 310 is required.

340. Fingerprint Analysis and Techniques. 3 hrs. The science of fingerprints. Study of the techniques employed in the identification, interpretation, classification, and recovery of fingerprints.

340L Fingerprinting Techniques Laboratory. 1 hr. A laboratory designed to accompany FSC 340. Concurrent registration in FSC 340 is required.

430. Survey of Forensic Toxicology. 3 hrs. Toxicology as applied to forensic investigations.

440. Drug Identification. 3 hrs. Lectures, demonstrations and discussions covering all aspects of drug identification, emphasizing those relating to law enforcement.

442. Arson and Explosives. 3 hrs. Introduction to fire investigation; arson and bombings.

442L. Arson and Explosives Laboratory. 1 hr. Concurrent registration in FSC 442 is required.

445. Crime Scene Documentation. 3 hrs. Prerequisites: FSC 310 and FSC 340 or permission of instructor. Concurrent registration in FSC 445L is required. The processing of a crime scene, including crime scene photography, sketching of the crime scene, and collecting and processing evidence.

445L. Crime Scene Documentation Laboratory. 1 hr. A laboratory designed to accompany FSC 445. Concurrent registration in FSC 445 is required.

480. Seminar in Forensic Science. 3 hrs. May be repeated for credit. Designed to cover areas of significance in the field of forensic science. Topics may include Medio-Legal Death Investigation, Vehicle Fire Investigation, and Forensic Photography.

491. Special Projects in Forensic Science. 1 hr. Individual studies in forensic science principles.

491L. Laboratory for Forensic Science. 3 hrs. Hands-on experience with true forensic science situations.

497. Field Study in Forensic Science. 3, 6, or 9 hrs. Prerequisite: permission of the Director of Forensic Science. Field work offering research and practice in a forensic science setting.

499. British Studies. 1-6 hrs. Variable content. Lecture series and research under the auspices of the College of International and Continuing Education.

FUNDAMENTALS OF SCIENCE (FS)

(The three courses in the FS sequence are laboratory courses designed to meet core requirements for elementary education and special education majors. Laboratory (1 hr.) must be taken concurrently with lecture (3 hrs.). These courses are designed to address the key concepts and principles of science needed to teach science effectively in the elementary grades.)

131. General Physical Science. 3 hrs. Restricted to Elementary or Special Education majors. Study of the interaction of matter and energy.

131L. Laboratory for General Physical Science. 1 hr. A laboratory designed to accompany FS 131. Concurrent registration in FS 131 is required.

133. General Biological Science. 3 hrs. Restricted to Elementary or Special Education majors. A study of interactions of organisms with their environment.

133L. Laboratory for General Biological Science. 1 hr. A laboratory designed to accompany FS 133. Concurrent registration in FS 133 is required.

135. Earth and Environmental Science. 3 hrs. Restricted to Elementary or Special Education majors. A study of the lithosphere, hydrosphere, atmosphere, and environmental concerns.

135L. Earth and Environmental Science Laboratory. 1 hr. A laboratory designed to accompany FS 135. Concurrent registration in FS 135 is required.

GENERAL STUDIES (GS)

100. Orientation. 1 hr.

101. University Success Skills. 2 hrs. A survey of academic skills, strategies, and techniques needed for successful performance within the university setting. Emphasizes skill areas related to successful note taking, test taking, time management, stress management, and use of resources, as well as highlighting university policies and procedures.

301. College Survival. 1 hr. Offered at USM-Gulf Coast.

GEOGRAPHY AND AREA DEVELOPMENT (GHY)

101. World Geography: Dynamics of a Changing Earth. 3 hrs. Introduction to descriptive and analytical principles of geographical analysis through consideration of regional themes. (CC 1113)

102. Introduction to Geography. 3 hrs. Introduction to the basic elements and concepts of geography. (CC 1123)

210. Maps and Civilization. 1 hr. Role of maps and map making in society, considering both historic development and current role of cartography.

315. Sources, Techniques, and Analysis in Geography. 3 hrs. An introduction to the principles of data collection, analysis, and presentation in a geographical context.

325. Physical Geography of the Environment. 3 hrs. A general introduction to the major earth physical environment al systems. Particular emphasis is placed on understanding how environmental problems, evolve, as well as on human-environment interactions.

+325L. Physical Geography of the Environment Laboratory. 1 hr. Prerequisite or corequisite: GHY 325. Analysis and interpretation of physical geographic data, maps, and charts. Field trips may be required.

326. Introduction to Meteorology and Weather Forecasting. 3 hrs. GHY 325 recommended as prerequisite. An introduction to the atmosphere, its processes and weather forecasting.

327. Earth Surface Processes and Environments. 3 hrs. GHY 325 recommended as prerequisite. Study of the natural processes influencing the origin and development of landscapes.

330. Unveiling the Earth: The Geography of Exploration. 1 hr. Examines the ways in which geographical information accumulated through the activities of traders, missionaries, politicians, and others.

331. Cultural Systems in the Environment. 3 hrs. Geographical analysis of human interactions with environment through time; considers spatial significance and distribution of various cultural elements.

341. Geography and World Political Affairs. 3 hrs. The geographer's approach to patterns of power, conflict, and dispute resolution, including environmental affairs, development issues, strategic trading, multinational, electoral, and local affairs.

350. Economic Geography. 3 hrs. Principles and practices of economic geography as applied at various scales from local to global.

360. World Cities. 3 hrs. The growth and structure of the world's major cities, with emphasis on modern planning and development problems.

362. Urban Geography. 3 hrs. Review of urban development, processes contributing to development, and effect these processes have on cities.

370. Conservation of Natural Resources. 3 hrs. An analysis of basic principles and problems associated with the use, misuse, and conservation of natural resources.

400. Geography of Mississippi. 3 hrs. Survey of physical, economic, and historical geography of the state; emphasis on human- environment relations and problems.

401. Geography of the United States and Canada. 3 hrs. A geographical analysis of the physical and human characteristics of the region.

402. Geography of Middle America and the Caribbean. 3 hrs. A geographical analysis of the physical and human characteristics of the region.

403. Geography of South America. 3 hrs. A geographical analysis of the physical and human characteristics of the region.

404. Geography of Europe. 3 hrs. A geographical analysis of the physical and human characteristics of the region.

405. Geography of Russia. 3 hrs. A geographical analysis of the physical and human characteristics of the region.

406. Geography of Africa. 3 hrs. A geographical analysis of the physical and human characteristics of the region.

407. Geography of East and South Asia. 3 hrs. A geographical analysis of the physical and human characteristics of the region.

408. Geography of Southwest Asia. 3 hrs. A geographical analysis of the physical and human characteristics of the region.

410. 21st Century Cartography. 2 hrs. Corequisite: GHY 410L. Design of maps and graphs to effectively communicate spatial information. Map and geographic data sources.

+410L 21st Century Cartography Laboratory. 2 hrs. Corequisite: GHY 410. Use of mapping software to design and construct effective maps and techniques for obtaining maps and geographic data from the World Wide Web and other sources.

411. Remote Sensing and Image Interpretation. 3 hrs. Corequisite: GHY 411L. Acquisition, analysis, and interpretation of aerial photographic products, digital remotely sensed imagery, and the analytic tools in current use by the public and private sectors.

+411L. Remote Sensing and Image Interpretation Laboratory. 1 hr. Corequisite: GHY 411. Application of remote sensing images interpretation principles using manual and automated analysis tools.

412. Environmental Remote Sensing. 3 hrs. Prerequisite: GHY 411 or permission of instructor. Co-requisite: GHY 412L. Advanced image processing techniques using a variety of images and computer packages. Course focus is on environmental applications and integration with other spatial analysis tools.

+412L. Environmental Remote Sensing Laboratory. 1 hr. Prerequisite: GHY 411L or permission of instructor; corequisite: GHY 412. Students are exposed to a variety of advanced image processing techniques using digital remote sensing imagery.

416. Computer Applications in Geography. 2 hrs. Corequisite: GHY 416L. Role of personal computers in geography. Concepts and applications of computerized geographic mapping, information, simulation, and analytic techniques..

+416L. Computer Applications in Geography Laboratory. 1 hr. Corequisite: GHY 416. Operation of computerized geographic mapping, information, simulation, and analytic systems.

417. Geographic Information System. 2 hrs. Corequisite: GHY 417L. Concepts and applications of geographic information systems in natural and human resource management and business decision making..

+417L. Geographic Information System Laboratory. 1 hr. Corequisite: GHY 417. Operation of computerized geographic information systems for design making.

418. Spatial Analysis. 2 hrs. Prerequisite: GHY 417. Corequisite: GHY 418L. Theory and application of geographic information systems and spatial statistics in decision making.

+418L. Spatial Analysis Laboratory. 2 hrs. Corequisite: GHY 418. Design, construction, and use of a geographic information system database.

419. Managing Geographic Information Systems. 1 hr. Theory and practice of managing a geographic information system.

425. Environmental Climatology. 3 hrs. Acquisition, analysis, and interpretation of meteorological and climatological data. Particular emphasis is placed on understanding climatic anomalies at a variety of time scales, as well as on human-environmental interactions.

427. Meteorology. 3 hrs. Study of the temporal and areal variations in composition, structure, and working of the atmosphere. Practice in use of instruments and measurements.

428. Severe Storms. 3 hrs. An examination of the causes, characteristics and destructive nature of severe weather.

435. Historical Geography of the American Landscape. 3 hrs. Examines the nature and causes of change in the human landscape of the United States.

440. Population and Human Resources. 3 hrs. A geographical analysis of the spatial variation sin demographic and non-demographic aspects of human populations.

441. Contemporary Issues in Geography Seminar. 3 hrs. Prerequisite: 18 hours credit in Geography. This discussion course focuses on analysis of the geographical background to topical issues.

442. Social Geography: Values Systems and Landscape Change. 3 hrs. An analysis of the relationship between geographical patterns of human social organization, social values and spatial patterns of landscape change.

451. Theory of Economic Location. 3 hrs. Principles of economic location analysis with emphasis on locational decision making and investment by different types of businesses. Relevance to economic development and planning is stressed.

489. Caribbean Studies. 1-6 hrs. Variable content. Lecture series, field exercises, and research offered abroad under the auspices of the Center for International Education.

491. Internship. 1-9 hrs. The internship gives the students credit for practical, supervised experience in the work place. May be repeated to a maximum of nine hours.

492. Special Problems. 1-3 hrs. May be repeated for a total of six hours. (Students undertaking a Senior Honors Project will enroll in GHY H492.)

493. Internship in Geographic Information. 1-6 hrs. Prerequisite: Permission of instructor. Internship in GIS, remote sensing, and cartography. May be repeated for a total of six hours.

494. Prolaboratory in Geographic Information. 1-3 hrs. Prerequisite: Permission of instructor. Preparation and presentation of a professional GIS, remote sensing, or cartographic project. May be repeated with change of content for a total of six hours.

498. Study Abroad. 1-6 hrs. Students gain experience of foreign environments, both cultural and physical, through structured programs offered by the College of International and Continuing Education.

499. British Studies: Geography of the British Isles. 3-6 hrs. An overview of the human and physical geography of the British Isles. Includes field trips and directed research.

GEOLOGY (GLY)

101. Physical Geology. 3 hrs. An introductory course emphasizing the origin and nature of earth materials and processes affecting the earth's surface and interior. (CC 1113)

101L. Physical Geology Laboratory. 1 hr. Pre- or Corequisite: GLY 101. An elementary study of rocks, minerals, and maps. (CC 1111)

103. Historical Geology. 3 hrs. A study of earth history as revealed in the character and fossil content of rocks. (CC 1123)

103L. Historical Geology Laboratory. 1 hr. Pre- or Corequisite: GLY 103. Introduction to the study of fossils and interpretation of geologic maps. (CC 1121)

151. Introduction to Ocean Science. 3 hrs. Survey of the physical, chemical, geological, and biological features of the ocean. (Same as MAR 151)

151L. Introduction to Ocean Science Laboratory. 1 hr. Pre- or Corequisite: GLY 151. Elementary exercises for interpreting oceanographic data and samples. (Same as MAR 151L)

301. Mineralogy. 3 hrs. Prerequisites: GLY 101, GLY 101L, CHE 106. Pre- or Corequisite: MAT 103. Elements of crystallography, silicate structures, and determinative mineralogy.

301L. Mineralogy Laboratory. 1 hr. Corequisite: GLY 301.

304. Petrology. 3 hrs. Prerequisites: GLY 301, GLY 301L. Principles of rock genesis, classification, and recognition.

304L. Petrology Laboratory. 1 hr. Corequisite: GLY 304.

306. Environmental Geology. 3 hrs. Prerequisite: GLY 101 or permission of instructor. The nature of geological hazards and man's impact on the environment.

308. Structural Geology. 3 hrs. Pre- or Corequisite: GLY 301. Principles of rock deformation.

308L. Structural Geology Laboratory. 1 hr. Corequisite: GLY 308.

310. Geomorphology. 3 hrs. Prerequisites: GLY 101, GLY 101L, MAT 103 or equivalent. Study of geologic processes involved in landscape development.

310L. Geomorphology Laboratory. 1 hr. Corequisite: GLY 310.

311. Field Geology. 6 hrs. Prerequisite: GLY 380 or permission of instructor. Preparation of stratigraphic and structure sections, use of Brunton compass, and geologic map preparation in the field.

341. Invertebrate Paleontology. 3 hrs. Prerequisites: GLY 103, GLY 103L, BSC 110 or equivalent, or permission of instructor. Taxonomy, morphological features, and geologic distribution of invertebrate fossils.

341L. Invertebrate Paleontology Laboratory. 1 hr. Corequisite: GLY 341.

380. Introduction to Geological Field Work. 2 hrs. Prerequisite: GLY 308. Pre- or Corequisites: GLY 304. Practice in use of Brunton compass, geological map-making, recording field data, and keeping field notes.

401. Principles of Stratigraphy. 3 hrs. Prerequisites: GLY 301, GLY 308, GLY 341, or permission of instructor. A study of the character and distribution of sedimentary rock units in space and time.

403. Optical Mineralogy. 3 hrs. Pre- or Corequisite: GLY 304. Introduction to optical mineralogy, and thin section study of rocks using polarizing microscope.

403L. Optical Mineralogy Laboratory. 1 hr. Corequisite: GLY 403.

405. Sedimentology. 3 hrs. Prerequisite: GLY 304. Origin of sedimentary particles, sedimentary structures, and classification of sedimentary rocks.

405L. Sedimentology Laboratory. 1 hr. Corequisite: GLY 405.

406. Fundamentals of Crystallography. 1 hr. Prerequisite: MAT 103. An introduction to the concepts of crystal systems, morphology, Herman-Mauguin symbols, Bravais lattice, unit cells, Miller indices, and X-ray diffraction. For non-geology majors.

406L. Fundamentals of Crystallography Laboratory. 1 hr. Corequisite: GLY 406.

407. Principles of X-ray Diffraction. 1 hr. Prerequisites: GLY 301, 406, or permission of instructor. Introduction to principles, analytical techniques, and precautions involved in X-ray diffraction instrumentation.

407L. Principles of X-ray Diffraction Laboratory. 1 hr. Corequisite: GLY 407.

408. Petrography. 3 hrs. Prerequisites: GLY 304, GLY 403L. Characterization of rock composition and textures, classification and petrogenesis with use of polarizing microscope and thin sections.

408L. Petrography Laboratory. 1 hr. Prerequisites: GLY 403, GLY 403L. Corequisite: GLY 408.

410. Elements of Geochemistry. 3 hrs. Prerequisite: GLY 304. Chemical principles governing the formation of minerals and rocks and their reactions with the lithosphere, hydrosphere, atmosphere, and biosphere.

411. Applied Groundwater Geochemistry. 3 hrs. Prerequisites: GLY 410, GLY 476 recommended. Design and implementation of groundwater geochemistry monitoring programs for hydrogeological site assessment.

420. Applied Geophysics I. 3 hrs. Prerequisites: GLY 308, PHY 201 or consent of instructor. Introduction to seismic methods used in hydrocarbon and mineral exploration.

420L. Applied Geophysics I Laboratory. 1 hr. Corequisite: GLY 420. Introductory exercises in seismic computation and interpretation.

421. Applied Geophysics II. 3 hrs. Prerequisites: GLY 308, PHY 201 or consent of instructor. Introduction to gravity, magnetic, and electrical methods used in hydrocarbon and mineral exploration.

421L. Applied Geophysics II Laboratory. 1 hr. Corequisite: GLY 421. Introductory exercises in computation and interpretation of gravity, magnetic, and electrical fields.

422. Geophysical Well-Logging. 3 hrs. Prerequisites: GLY 101, MAT 103, PHY 201. Pre- or Corequisite: GLY 405. Principles of obtaining data from bore hole instruments, and geological interpretation of data.

422L. Geophysical Well-Logging Laboratory. 1 hr. Corequisite: GLY 422.

423. Geological Remote Sensing. 2 hrs. Prerequisites: GLY 301, GLY 304, and GLY 308 or permission of instructor. Corequisite: GLY 423L. Introduction to the use of multispectral, hyperspectral, and radar remote sensing data and imagery in applied geology.

423L Geological Remote Sensing Laboratory. 2 hrs. Corequisite: GLY 423. A lab to accompany GLY 423.

430. Principles of Geology for Science Teachers. 3 hrs. Prerequisite: Permission of instructor. Principles of physical and historical geology for teachers. Not applicable to geology degree.

430L. Principles of Geology for Science Teachers Laboratory. 1 hr. Corequisite: GLY 430.

443. Calcareous Micropaleontology. 3 hrs. Prerequisite: GLY 341. Taxonomy, morphology, and stratigraphic use of carbonate microfossils.

443L. Calcareous Micropaleontology Laboratory. 1 hr. Corequisite: GLY 443.

444. Siliceous Micropaleontology. 3 hrs. Prerequisite: GLY 341. Taxonomy, morphology, and stratigraphic use of siliceous and organic-walled microfossils.

444L. Siliceous Micropaleontology Laboratory. 1 hr. Corequisite: GLY 444.

450. Geological Marine Science. 3 hrs. Pre- or Corequisite: GLY 405, or consent of instructor. Study of the formation and deformation of the oceanic crust and the distribution and character of marine sediments. (Same as MAR 481)

450L. Geological Marine Science Laboratory. 1 hr. Corequisite: GLY 450. (Same as MAR 481L)

465. Engineering Geology. 3 hrs. Prerequisite: GLY 308 or permission of instructor. The integration of geologic and engineering principles and their application in the evaluation and utilization of Earth resources and the mitigation of natural and human-induced hazards.

470. Petroleum Geology. 3 hrs. Pre- or Corequisite: GLY 401 or permission of instructor. The origin, occurrence, and accumulation of oil and natural gas.

470L. Petroleum Geology Laboratory. 1 hr. Corequisite: GLY 470.

474. Geological Excursion. 1 hr. Field studies of geological phenomena in areas remote from the campus.

476. Hydrology. 3 hrs. Pre- or Corequisite: GLY 401 or permission of instructor. An introduction to the origin, distribution, movement, and properties of the waters of the earth.

487. Industrial Rocks and Minerals. 3 hrs. Prerequisite: Permission of instructor. Nature and formation of industrial rock and mineral deposits.

492. Special Problems in Geology. 1-3 hrs. Prerequisites: Senior standing and permission of the chair. Independent study or research.

498. Senior Thesis. 3 hrs. Prerequisite: Permission of Chair. Formal presentation and publication of supervised research for students with senior standing. Degree requirement for McCarty Scholarship awardees.

HISTORY (HIS)

PS 420, 421, and 425 may be selected as history if approved by the student's adviser.

No more than six (6) hours of these courses may be counted as history credit.

101. World Civilization to 1648 A.D. 3 hrs. (CC 1113, 1143, 1163)

102. World Civilization Since 1648 A.D. 3 hrs. (CC 1123, 1153, 1173)

201. Survey of United States History up to 1877. 3 hrs. (CC 2213)

202. Survey of United States History Since 1877. 3 hrs. (CC 2223)

300. Introduction to Historical Methodology. 3 hrs. A basic course to acquaint the student with the theory and practice of historical study.

303. Studies in Non-Western History. 3 hrs. Examines various topics in the non-western world. Content of course may vary. May be repeated for a total of nine hours.

305. Survey of East Asia. A historical study of the countries of East Asia in the 19th and 20th centuries.

310. Survey of Latin American History. 3 hrs. A study of Latin American history from the conquest to the present with an emphasis on social, economic, and cultural developments.

325. The Classical World. 3 hrs. A survey of classical Greece and Rome.

326. The Rise of Christianity and the Roman Empire. 3 hrs. A study of the emergence of Christianity as an intellectual, religious, and political force in late antiquity and the early Middle Ages.

327. The Middle Ages. 3 hrs. A survey of the political, intellectual, and economic history of Western Europe from 450 to 1450 A.D.

346. Early English History. 3 hrs. A history of England from the earliest times to 1485 with emphasis on the development of law and royal administration.

349. Modern British History. 3 hrs. A survey of Great Britain since the Industrial revolution.

360. U.S. Military History. 3 hrs. A survey of American military history.

370. Mississippi History. 3 hrs. A survey of Mississippi's economic, social, and political development from seventeenth century European settlement to the present.

372. Afro-American History. 3 hrs. A chronologically arranged survey of the black political, social, economic, and intellectual experience in slavery and freedom, with emphasis on protest thought and deed.

375. History of American Business. 3 hrs. Explores the historical development of entrepreneurship and business enterprise from colonial times to the present.

401. Themes in the Non-Western World. 3 hrs. An analysis of economic, political, social, and cultural issues which have shaped relations between the Western and non-Western worlds. Content of course may vary. May be repeated for a total of nine (9) hours.

402. Imperialism, Nationalism, and Decolonization. 3hrs. A survey of select topics in nineteenth century European imperialism, its effects on colonial societies, the development of colonial nationalist movements, and the problems of third-world decolonization in the twentieth century.

406. Modern China. Survey of the historical processes that have transformed China into a modern Marxist society.

407. Rise and Fall of Communism. 3 hrs. An analysis of the rise and fall of communism. The topic may vary.

409. United States Relations with East Asia. The attempts to explain the dynamic interactions between the United States and China and Japan over the past 200 years.

410. History of Mexico Since Independence. 3 hrs. A survey of the national history of Mexico and the Caribbean. The focus of the course is on Mexico and Cuba.

411. The Caribbean and Central America. 3 hrs. An analysis of Caribbean and Central American history, with particular emphasis on colonialism, slavery, plantation economies, revolutionary movements, and the influence of the United States.

412. History of Brazil. 3 hrs. An examination of Brazilian history, with particular emphasis on the period since independence.

413. The United States and Latin America. 3 hrs. A detailed discussion of the relationship between the societies and governments of the United States and Latin America.

415. World War I. 3 hrs. An exploration of the causes, conduct, and consequences of World War I.

416. World War II. 3 hrs. A study of causes, conduct, and consequences of World War II.

417. The Vietnam War. 3 hrs. A discussion of military, social, political, and cultural consequences of the war.

420. Exploration and Discovery. 3 hrs. Examination of factors contributing to European exploration from the Renaissance to 19th c.

421. War and Science in Modern History. 3 hrs. An examination of the relationship between science and warfare from the 18th c. to the present.

423. Science and Society: From Copernicus to the Bomb. 3 hrs. An interdisciplinary course designed for both science and liberal arts students. Traces the development of science and technology and their role in society from the Renaissance to the present. (Cross-listed as BSC 423, HUM 423.)

426. Renaissance Europe 1348-1500. 3 hrs. This course will examine the social, political, and intellectual changes emerging in Europe after the Black Death.

427. Reformation Europe 1500-1650. 3 hrs. This course will examine the setting, events, and implications of the religious Reformation in European history.

429. The Age of the Enlightenment. 3 hrs. A survey of the political, social, and cultural history of Europe from the Age of Absolutism to the French Revolution.

430. French Revolution and Napoleon. 3 hrs. A study of Revolutionary and Napoleonic France and its impact on Europe.

431. Europe 1815-1870. 3 hrs. A survey of early nineteenth century Europe, with emphasis on nationalism and the quest for reform.

432. Europe 1870-1914. 3 hrs. A survey of late nineteenth and early twentieth century Europe with emphasis on the growth of democracy, the expansion of empires, and the origin of World War I.

433. Europe 1919-1939. 3 hrs. A survey of European political, intellectual, cultural, and economic developments between the world wars.

434. Europe Since 1945. 3 hrs. A survey of European history since the end of World War II, covering such key developments as economic reconstruction, the Cold War, NATO, and the Common Market.

436. Medieval Life and Thought. 3 hrs. A study of the structure of society and economy of the Middle Ages.

438. Family and Society in Medieval and Early Modern Europe. 3 hrs. This course will study continuity and change in the family from cc. 1150 to 1650. Some topics considered will be the structure of the family, the role of women, misogyny, and sexuality.

440. History of Socialism in the West. 3 hrs. This course explores in some detail the historical evolution and meaning of socialism as a theoretical idea and a grass roots social and political movement.

441. History of Nationalism: Theories and Movements. 3 hrs. This course is intended to give students a closer awareness and understanding of nationalism in the history of the 19th and 20th centuries.

443. Revolution, Reaction, and Fascism in Southern Europe. 3 hrs. A political, social, and cultural history of Spain, Italy, and Portugal during the nineteenth and twentieth centuries.

444. Intellectual and Cultural History of Modern Europe. 3 hrs. Philosophy, social thought, and the arts from the Enlightenment to the present.

445. Racial Thought in the Western World. 3 hrs. A comparative history of racial thought in Western society from the late Middle Ages through the modern period.

446. Tudor-Stuart Britain. 3 hrs. A survey of political, religious, intellectual, and economic developments in Tudor-Stuart England.

447. Social History of Victorian Britain. 3 hrs. This course explores the changing social conditions during the 70 year period of the Victorian era, including Victorian values, the position of women and children, popular protest, and trade unionism.

448. Holocaust and Jews in European History. 3 hrs. Presents a detailed picture of the Holocaust, its anticedents and aftermath, its meanings, and its interpretations.

449. History of Modern Spain. 3 hrs. Survey of the political, social, religious, and national history of Spain since the 18th century.

454. France, 1815-Present. 3 hrs. A survey of French history after Napoleon emphasizing the evolution of political and social structures.

455. History of the German Lands Since 1815. 3 hrs. This course covers the broad lines of political and social development in the German-speaking regions from the early 19th c. to reunification in 1990.

456. Nazi Germany. 3 hrs. A survey of the political, diplomatic, economic, and social developments in Germany from 1919 through 1945.

458. Modern Russia and the Soviet Union: 1861-1991. 3 hrs. An introduction to the history of modern Russia and the Soviet Union from the Great Emancipator to the August 1991 coup.

459. Eastern Europe in the 20th Century. 3 hrs. This course introduces students to the diversity of social, political, and cultural experience in the regions of East-Central Europe.

460. Colonial America. 3 hrs. Development of social, political, economic, and religious life in the English colonies of North America to 1763.

461. The American Revolution. 3 hrs. A discussion course concerning the dispute between Great Britain and her American colonies which led to the development of a new nation.

462. The Age of Jefferson and Jackson. 3 hrs. A study of political, social, and cultural changes in the United States from 1789-1848.

463. The Sectional Controversy and the Civil War, 1848-1877. 3 hrs. An examination of sectional conflict, Civil War, and Reconstruction with primary emphasis on political and military history.

464. Modern America, 1877-1919. 3 hrs. A survey of political, economic, diplomatic, and social developments in the United States from the close of the Civil War through the end of World War I.

465. Twentieth Century America, 1919-1945. 3 hrs. A detailed examination of the social, intellectual, political, diplomatic, and economic history of the interwar years.

466. Our Times. 3 hrs. A detailed examination of social, intellectual, political, diplomatic, and economic history since World War II.

467. The Colonial South. 3 hrs. Explores the interaction of Indian, European, and African people in the Colonial South from about 1500 to 1800.

468. The Old South. 3 hrs. The social, economic, and cultural history of the antebellum South with particular emphasis on the plantation system and slavery.

469. The New South. 3 hrs. An analysis of the peculiarities of the South's social, economic, political, and intellectual development from 1877 to the present. Emphasis is placed on those factors making the South distinctive in American history.

470. The Southern Frontier. 3 hrs. Examines through lectures and discussions pioneer and Indian life in Mississippi, Alabama, Louisiana, Tennessee and Georgia.

471. The Western Frontier. 3 hrs. Examines the significance of frontier types west of the Mississippi including explorers, mountain men, cowboys, farmers, miners, railroaders, and Indians.

473. U.S. Foreign Relations. 3 hrs. A history of U.S. foreign relations with particular emphasis on Manifest Destiny, the New Imperialism, the diplomacy of World War I, the events leading to World War II, World War II, and the Cold War.

474. History of American Indians. 3 hrs. A survey of the history of Native Americans from the period of European intrusion through the 19th century.

476. Intellectual and Cultural History of the USA. 3 hrs. A survey of philosophy, social thought and cultural developments from the 17th century to the present.

477. Women in American Society. 3 hrs. A survey of the experience of American women from the colonial period to the present with emphasis on the evolution of woman's role in society in response to changing economic and social conditions.

478. Studies in Civil Rights. 3 hrs. Prerequisite: HIS 340. A readings course centered on the African American protest tradition, with an emphasis on the post-World II black freedom struggle.

479. Studies in United States History. 3 hrs. Examines various topics in American history. Content of course may vary. May be repeated for a total of nine hours.

481. Topics in Early Modern European History. 3 hrs. This course will examine various topics in late medieval and early modern European history.

482. Studies in European History. 3 hrs. Examines various topics in modern European history. Content of course may vary.

483. Studies in the History of Spanish South America. 3 hrs. Examines various topics in the history of Spanish South America. May be repeated for a total of six hours.

484. Proseminar in European History. 3 hrs. Variable topics in European history. May be repeated for up to six hours.

485. Proseminar in United States History. 3 hrs. Variable topics in United States history. May be repeated for up to six hours.

486. Proseminar in Latin American History. 3 hrs. Variable topics in Latin American history. May be repeated for up to six hours.

487. Proseminar in East Asian History. 3 hrs. Variable topics in East Asian history. May be repeated for up to six hours.

488. Methods of Teaching Social Studies. 3 hrs. Prerequisite: CIS 313. Methods of lesson planning, preparing materials, teaching, and testing in secondary social studies courses. Not to be counted toward 36 hour major requirement in History. Open only to students seeking social studies licensure.

488L. Secondary Social Studies Methods Lab. 1 hr. Prerequisite: CIS 313. A laboratory practicum designed to accompany HIS 488. Concurrent registration in HIS 488 is required.

490. Student Teaching—Social Studies. 7 hrs.

491. Student Teaching in—Social Studies. 7 hrs.

492. Special Problems. 1-3 hrs. Prerequisite: Permission of instructor. Provides the opportunity to study a special topic or area of interest with a specialist in the field. (Students undertaking a Senior Honors Project will enroll in HIS H492.)

494. Topics in Mexican History. 3 hrs. Course offered in Mexico as part of the university's study abroad offerings.

495. Austrian Studies. 3-6 hrs. A three weeks course offered in Austria as part of the university study abroad program.

496. Topics in French History. 3 hrs. A three weeks course offered in France as part of the university's study abroad offerings.

497. Asian History and Culture. 3 hrs. A three weeks course offered in an Asian country as part of the university's study abroad offerings.

498 Topics in Jamaican History. 3 hrs. A three weeks course offered in Jamaica as part of the university's study abroad offerings.

499. Topics in British History. 3-6 hrs. Lecture series and research in European studies offered in Great Britain as part of the university's study abroad program. May be repeated with change in topic.

HONORS COLLEGE (HON)

101. Leadership Orientation. 1 hr. The course will introduce students to Honors education and offer an overview of opportunities at the University for developing one's skills as a leader.

111. Honors Colloquium. 3 hrs. An interdisciplinary, team-taught survey of the history, philosophy, and literature of world civilization, entitled "World Thought and Culture."

112. Honors Colloquium. 3 hrs. Continuation of HON 111.

211. Honors Colloquium. 3 hrs. Continuation of HON 112.

212. Honors Colloquium. 3 hrs. Continuation of HON 211.

301. Prospectus Writing. 1 hr. Introductory research methods for Honors students. Pass/Fail.

321. University Forum. 1 hr. A presentation of major themes in humanities, science, and social science. This course may be repeated for up to 8 hours of credit.

322. University Forum. 1 hr. Continuation of HON 321.

391. Exchange Semester or Year Abroad. 15-36 hrs.

403. Honors Seminar. 3 hrs. Topical seminars on a wide range of subjects. Repeatable as topics vary up to 12 hrs.

411. Honors Directed Study. 3 hrs. Independent study for Honors students.

492. Honors Research. 1-3 hrs. Senior project.

499. British Studies. 3-6 hrs.

Special Honors sections are also offered by many departments.

For more information on Honors courses, consult the annual Honors College Handbook, available from the Honors College Dean's Office and at www.honors.usm.edu.

HOSPITALITY MANAGEMENT (HM)

300. Principles of Hospitality Management. 3 hrs. An overview of the basic principles, concepts, and theories that have special application to the hospitality industry.

340. Food Service Operations Management I. 3 hrs. Prerequisites: NFS 272, 272L, HM 300 and Corequisite: HM 340L. Principles of management relevant to foodservice operations.

340L Food Service Operations Lab. 2 hrs. Corequisite: HM 340. Practical application of food preparation and service.

342. Hospitality Human Resource Management. 3 hrs. Prerequisite: HM 300. Principles and practices of human resources management relevant to the manager's role in hospitality organizations.

345. Quality Service Management in the Hospitality Industry. 3 hrs. Theories and concepts of management in a service environment including the principles of total quality management (TQM).

371. Sanitation. 1 hr. Emphasis on all phases of sanitation in food service and hospitality industries.

375. Beverage Management. 3 hrs. Principles of managing bar/beverage. Emphasis on various managerial functions and their impact on bar/beverage operation system.

376. Hotel Operations Management I. 3 hrs. Prerequisite: HM 300. Principles and procedures of the management of hotel operations.

378. Seminar in Hospitality Management. 1-3 hrs. Prerequisite: HM 300 and junior standing. Examination of pertinent issues and current practices in the hospitality industry.

379. Practicum in Hospitality Management. 1 hr. 300 hours documented and satisfactorily completed work experience with one hospitality company approved by adviser.

380. Hospitality Industry Accounting. 3 hrs. Prerequisite: ACC 200 and HM 300. Managerial accounting in the hospitality industry. Emphasis on financial statements, breakeven analysis, and budgeting.

385. Introduction to the Convention Industry. 3 hrs. This course is designed for students at the junior and senior level who are interested in the broad field of convention and event management.

440. Food Service Operations Management II. 3 hrs. Prerequisite: Junior standing and HM 340, 340L, and MGT 300. Corequisite: HM 440L. Advanced application of systems used to manage foodservice operations.

440L Food Service Operations Management II Lab. 3 hrs. Corequisite: HM 440. Practical application of the management of foodservice operations.

441. Purchasing in the Hospitality Industry. 3 hrs. Prerequisite: HM 300. Principles of purchasing foods, beverages, non-food items and equipment are examined.

442. Layout and Design. 3 hrs. Prerequisite: HM 300. Planning, designing, and layout of hospitality facilities.

445. Hospitality Financial Management. 3 hrs. Prerequisite: HM 380. Financial management techniques applied to the hospitality industry including capital expenditure analysis and valuation.

470. Catering. 3 hrs. Prerequisite: HM 440, 440L and permission of instructor. Principles, techniques, and implementation of special events in food service. Includes laboratory.

479. Internship in Hospitality Management. 3 hrs. Prerequisite: HM 300. Three hundred (300) hours of supervised internship program with hospitality company. One additional internship may be taken as general elective with approval of adviser.

481. Hospitality Law. 3 hrs. Prerequisite: HM 300. Origin, development, and principles of common and statutory law as it applies to the hospitality industry.

482. Hospitality Marketing. 3 hrs. Prerequisite: HM 300. Application of marketing theories to hospitality organizations. Emphasis on marketing systems, consumer behavior, market definition, and the marketing mix.

483. Dimensions of Tourism. 3 hrs. Prerequisite: HM 300. To explore tourism's supply/demand components. Emphasis on relationship between the components and functional areas of planning and marketing that manage them.

484. Hotel Operations Management. 3 hrs. Prerequisite: HM 376. Advanced principles and procedures of the management of hotel operations.

485. Professional Meeting and Event Coordination. 3 hrs. Prerequisite: HM 300. Planning, organization, and implementation of meetings, conferences, and special events.

490. International Studies in Hospitality Management. 3 hrs. Prerequisite: HM 300 and permission of adviser. Acquaints students with visited destination's tourism supply/demand components through field trips/meetings with industry leaders.

492. Special Problems in Hospitality Management. 1-6 hrs. Senior standing and approval of faculty adviser. Supervised study in area not covered by available courses.

494. Tourism Destination Development. 3 hrs. Prerequisite: HM 483. Emphasis placed on nature/scope of tourism planning, planning approaches, markets, attractions, services, regional potential planning, and levels of planning.

495. Hospitality Strategic Management. 3 hrs. Prerequisites or Corequisites: HM 342, HM 445, and HM 482. Introduction to the strategic management process as a planning and decision-making framework for hospitality organizations.

HUMAN PERFORMANCE AND RECREATION (HPR)

100. Aerobics. 1 hr. Theoretical bases and laboratory experiences in rhythmical activities for cardiovascular development.

101. Weight Training. 1 hr. Theoretical bases and laboratory experiences in development of muscular strength, flexibility, and cardiovascular endurance.

102. Fitness Walking. 1 hr. Theoretical bases and laboratory experiences in the development of cardiovascular fitness through walking techniques.

105. Concepts in Physical Fitness. 1 hr. The course is designed to develop understanding in the conceptual knowledge of health and fitness in the development and maintenance of human wellness. (CC 1591, 1592)

119. Beginning Volleyball. 1 hr. Theoretical concepts and laboratory experience in development of fundamental volleyball skill techniques and game strategies.

130. Racquetball. 1 hr. Theoretical concepts and laboratory experience in development of fundamental racquetball skill techniques and game strategies.

131. Fencing. 1 hr. Theoretical concepts and laboratory experience in development of fundamental fencing skill techniques and competitive strategies.

132. Beginning Badminton. 1 hr. Theoretical concepts and laboratory experience in development of fundamental badminton skill techniques and game strategies.

133. Beginning Archery. 1 hr. Theoretical concepts and laboratory experience in development of fundamental archery skill techniques and competitive strategies.

134. Beginning Golf. 1 hr. Theoretical concepts and laboratory experience in development of fundamental golf skill techniques and competitive strategies.

135. Beginning Yoga. 1 hr. Theoretical concepts and laboratory experience in development of strength and flexibility through yoga exercise.

+136. Bowling. 1 hr. Theoretical concepts and laboratory experience in development of fundamental bowling skill techniques and competitive strategies.

140. Bicycling. 1 hr. Theoretical concepts and laboratory experience in development of skill techniques and training in bicycling.

141. Beginning Tennis. 1 hr. Theoretical concepts and laboratory experience in development of fundamental tennis skill techniques and competitive strategies.

146. Developmental Skills. 1 hr. Human Performance, Coaching and Sports Administration, or Recreation majors or minors only. Activities include golf, softball, volleyball.

147. Developmental Skills. 1 hr. Human Performance, Coaching and Sports Administration, or Recreation majors or minors only. Activities include tennis, badminton, and soccer.

148. Developmental Skills. 1 hr. Human Performance, Coaching and Sports Administration, or Recreation majors or minors only. Activities include aerobics, weight training, lead-up games.

160. Beginning Swimming. 1 hr. Theoretical bases and laboratory experiences in fundamental swimming techniques and assistive rescue skills.

163. Aquatic Aerobics. 1 hr. Theoretical bases and laboratory experiences in physical conditioning techniques in the aquatic environment.

170. Beginning Karate. 1 hr. Theoretical concepts and laboratory experiences in development of fundamental karate/self defense skill techniques.

+171. Western Horsemanship. 1 hr. Theoretical concepts and laboratory experience in development of basic western saddle riding techniques.

+172. Introduction to Horseshowing. 1 hr. Theoretical concepts and laboratory experience in basic techniques of presentation of horses for show competition.

+173. English Horsemanship. 1 hr. Theoretical concepts and laboratory experience in development of fundamental English saddle riding techniques.

+174. Introduction to Horse Training. 1 hr. Fundamental concepts and hands-on experience with horse training techniques.

+180.Skeet and Trap Shooting. 1 hr. Theoretical concepts and laboratory experience in development of skeet and trap shooting techniques. Hunter safety emphasis.

181. Beginning Social Dance. 1 hr. Basic rhythmical concepts of social dance introduced. Emphasis on development of popular ballroom techniques.

183. Pioneering. 1 hr. Orienteering and conservation skills in a recreational outdoor environment.

184. Canoeing. 1 hr. Theoretical concepts and laboratory experience in development of fundamental canoeing techniques. Boat trip safety emphasized.

185. Family Camping. 1 hr. Outdoor camping skills.

186. Freshwater Fishing. 1 hr. Basic techniques of freshwater fishing.

187. Saltwater Fishing. 1 hr. Basic techniques of saltwater fishing.

188. Square Dance. 1 hr. Basic rhythmical concepts of American Square Dance with laboratory emphasis in skill/pattern practice.

200. Leisure and Recreation in Society. 3 hrs. A study of the significance of play, recreation, and leisure in contemporary society and the evolution of organized leisure service programs.

201. Leisure Skills Development. 3 hrs. Methods and materials for selected lifetime leisure skills.

202. Introduction to Exercise Science. 1 hr. Prerequisite: HPR majors or permission of instructor. Introduction to the disciplines within exercise science including the historical background, terminology, professional preparation, and careers.

203. Introduction to Sport Administration. 2 hrs. An overview of the history, foundation, and career opportunities in the sport industry.

205L Dynamic Fitness. 2 hrs. Prerequisite: HPR 105. This course is designed to develop positive physical fitness practices for both short-term and long-term benefits. Self-assessment and program prescription will be emphasized.

209. Varsity Athletics. 1 hr. Enrollment contingent upon current participation on a recognized varsity athletic team. Pass/fail basis only. Course may be repeated. Permission of Director of the School required.

210. Practicum. 1 hr. HPR majors only. Pre-internship field experience in the area of specialization. May be repeated three times.

218. Athletic Training Terminology. 1 hr. Course to develop students' knowledge of musculoskeletal and orthopedic terminology related to the profession of athletic training. Students attempting to enter Athletic Training Program must take HPR 219 concurrently.

219. Organization and Management of Athletic Training Programs. 2 hrs. Introduction to procedural aspects of athletic training room operation. Introduction to role delineations of an athletic trainer.

220. Introduction to Human Performance. 3 hrs. Physical Education majors and minors only. Survey of the historical and philosophical foundations of physical education and the sub-disciplines as they relate to professional practice.

234. Intermediate Golf. 1 hr. Golf techniques, game strategies, etc. for the more experienced player.

241. Intermediate Tennis. 1 hr. Tennis techniques and development of game strategies for the more experienced player.

270. Intermediate Karate. 1 hr. Prerequisite: HPR 170 or permission of instructor.Advanced self-defense techniques and development of basic Karate competition strategies.

274. Taping and Wrapping of Athletic Injuries. 2 hrs. Practical taping and wrapping experiences consisting of observation and actual taping of all types of athletic injuries.

284. Creative Rhythms. 3 hrs. Physical Education majors only. Skills in basic fundamental patterns, ethnic dance. Emphasis on instructional strategies in teaching rhythmical activities.

+300.Recreational SCUBA. 2 hrs. Diving skill/knowledge instruction for individuals wishing to be certified to dive recreationally.

301. Kinesiology. 3 hrs. Prerequisites: BSC 250, 250L. HPR majors and minors only. Analysis of the structural/functional aspects of human movement. HPR 301L must be taken concurrently.

301L. Kinesiology Laboratory. 1 hr. Prerequisites: BSC 250, 250L. HPR majors and minors only. To be taken concurrently with HPR 301.

302. Techniques for Evaluating Fitness. 3 hrs. Prerequisites: HPR 308, 308L. This course provides the student with the necessary cognitive skills and appropriate lab experiences to evaluate fitness in a systematic and safe manner.

303. Evaluation in Human Performance and Recreation. 3 hrs. Administration and interpretation of evaluative techniques in human performance and recreation.

304. Nutrition and Human Performance. 3 hrs. Prerequisites: HPR 308, 308L; NFS 362 or NFS 367; CHE 106, 106L. HPR majors and minors only. The analysis and synthesis of available literature relative to nutrition and human performance.

305. Adventure Training. 2 hrs. To develop student proficiency in land and water navigation, outdoor skills, and cooperative problem solving.

306. Sport Pedagogy. 3 hrs. Pedagogical techniques of motor skill acquisition in competitive sport settings. HPR major or minors only.

307. Organization and Administration of Sport Programs. 3hrs. CSA majors or minors only. The organizational and administrative procedures of major and minor sports programs.

308. Exercise Physiology. 3 hrs. Prerequisites: BSC 250, 250L. HPR majors and minors only. A study of the physiological changes which occur in the body during muscular activity. HPR 308L must be taken concurrently.

308L. Exercise Physiology Laboratory. 1 hr. Prerequisites: BSC 250, 250L. HPR majors and minors only. To be taken concurrently with HPR308.

309. First Aid. 2 hrs. Basic First Aid, Infant, Child and Adult CPR as approved by the American Red Cross. Meets O.S.H.A. minimum requirements.

310. Pre-Internship in Exercise Science. 2 hrs. Prerequisites: HPR 302, HPR 308, HPR 308L, HPR 422, or permission of instructor. Exercise Science majors only. Preparation for the internship experience which consists of observation and practice at potential exercise science internship sites, interviewing for intern positions, and writing the internship proposal.

311. Emergency Health Care. 3 hrs. Advanced First Aid and CPR with study toward instructor rating with the American Red Cross. Meets O.S.H.A. minimum requirements. HPR 311L must be taken concurrently.

311L. Emergency Health Care Laboratory. 1 hr. To be taken concurrently with HPR 311. Includes Instructor Rating Certification in Community First Aid and Safety for the American Red Cross.

314. Instructional Techniques in Team Sports. 3 hrs. Physical education majors and minors only. Instructional decision-making process specific to basketball, soccer, speedball, volleyball, and other selected team sports.

320. Preschool and Primary School Physical Education. 3 hrs. Physical Education minors or Elementary Education majors or minors only. An introduction to objectives, methods, and curriculum content of physical education for young children.

321. Elementary Physical Education. 3 hrs. Physical Education K-12 teaching majors only. Prerequisites: HPR 284, 404. Philosophy, objectives, methods, and curriculum of elementary physical education.

322. Recreation Program Planning. 3 hrs. Prerequisite or Corequisite: HPR 200. Procedures and methods in planning and organizing a comprehensive recreation program.

323. Recreation Leadership. 3 hrs. Prerequisite or Corequisite: HPR 200. Methods, techniques, and materials for directing individuals in group activities.

324. Coaching Football. 3 hrs. HPR majors or minors only. The study of individual techniques, game fundamentals, and strategies used in coaching football.

325. Coaching Basketball. 3 hrs. HPR majors or minors only. Fundamentals of coaching basketball techniques, game strategies, and scouting.

326. Instructional Techniques in Individual and Dual Sports. 3 hrs. Physical Education majors or minors only.Instructional decision-making process specific to racquet sports, golf, and other selected individual and dual sports.

327. Coaching Volleyball. 2 hrs. HPR majors or minors only. Fundamentals of coaching volleyball as it relates to the selection of personnel, skill techniques, and training.

330. Issues in Sport Administration. 3 hrs. HPR majors or minors only. The course will focus on sport as a medium for integrating gender, ethnic, religious, political, and disability issues in society.

332. Sport Information Management. 3 hrs. HPR majors or minors only or approval of instructor. This course is designed to provide an overview of the aspects of publicity, communication, and media relations in the sport industry.

336. Assessment and Evaluation in Parks and Recreation. 3 hrs. Prerequisites: MIS 201, MIS 202. Corequisite: HPR 200. Methods and procedures for evaluating parks and recreation programs and services.

340. Coaching Golf. 2 hrs. HPR majors or minors only. Theoretical and practical approach to golf instruction. Course planning and maintenance, rules and etiquette, and tournament administration.

341. Coaching Tennis. 2 hrs. HPR majors or minors only. Techniques of coaching tennis. Construction and maintenance of tennis courts. Organization and administration of a tennis program.

344. Commercial Recreation. 3 hrs.Prerequisite: HPR 200. An overview of the knowledge, skills, and values inherent to successful commercial leisure service organizations.

345. Camp Counseling, Administrative, and Operation. 3 hrs. Objectives, activities, and administration policies of organized camps.

350. Introduction to Therapeutic Recreation. 3 hrs. An overview of the therapeutic recreation profession, including historical development, professional competencies and standards, and applications across a variety of settings and populations.

350L. Introduction to Therapeutic Recreation Laboratory. 1 hr. To be taken concurrently with HPR 350.

351. Community Recreation Services for People with Disabilities. 3 hrs. A study of the concepts of and techniques for providing and evaluating inclusive community recreation services for people with disabilities.

354L. Athletic Training Clinical I. 3 hrs. Prerequisite: HPR 219. Athletic Training majors only. Clinical experience in athletic training with completion of specific competencies in computer usage, emergency care, and heat stress.

355L. Athletic Training Clinical II. 3 hrs. Prerequisites: HPR 219 and 354. Athletic Training majors only. Clinical experience in athletic training with completion of specific competencies in rehabilitation, emergency care, and physical examination.

360. The Organization and Administration of Aquatics. 3 hrs. Community and school swimming programs, pool operation, maintenance, and sanitation.

361. Swimming for the Disabled. 1 hr. The development of techniques and activities in teaching the disabled to swim.

362. Coaching Swimming and Diving. 2 hrs. Fundamentals of coaching aquatic sport events, techniques, practice routines, and training.

363. Emergency Water Safety. 2 hrs. Prerequisite: Proficiency in swimming. American Red Cross Emergency Water Safety Certification awarded upon completion.

364. Lifeguard Training. 3 hrs. Lifeguard techniques for pool, beach, waterfront. ARC Lifeguard Training Certification.

365. Lifeguard Training Instructor. 2 hrs. Corequisite: HPR 364 or instructor approval. Teaching lifeguard techniques. ARC Lifeguard Training Instructor Certification.

366. Theory of Teaching Swimming and Diving. 2 hrs. Organization and administration of the community swimming program.

370. Prevention and Care of Athletic Injuries. 3 hrs. Theory and practice for the prospective trainer and coach.

371. Injury Care and Prevention for Athletic Trainers. 3 hrs. Prerequisite: BSC 250, 250L. Athletic Training majors only. To provide information on the prevention, care, and treatment of injuries which occur in athletic competition.

372. Athletic Therapy Modalities. 2 hrs. Prerequisite: HPR 370. The theory and operation of the most commonly used therapeutic devices of the training room. HPR 372L must be taken concurrently.

372L. Athletic Therapy Modalities Laboratory. 1 hr. Must be taken concurrently with HPR 372.

374. Evaluation Techniques of Athletic Injuries I. 3 hrs. Prerequisites: BSC 250 and HPR 370. A specialized course dealing with anatomy, injury symptoms, and specific tests to help make preliminary evaluation of injuries.

375. Evaluation Techniques of Athletic Injuries II. 3 hrs. Prerequisites: BSC 250 and HPR 370. A specialized course in initial clinical evaluation of athletic injuries, emergency care procedures, and training room administration.

378. Rehabilitation of Sports Injuries. 2 hrs. Prerequisites: BSC 250 and HPR 370. The objectives and principles used to restore injured athletes to their pre-injury level of fitness, including proper use of equipment, exercise, and flexibility.

378L. Rehabilitation of Sports Injuries Laboratory. 1 hr. Practical experience in the objectives and principles used to restore athletes to pre-injury level of fitness. Must be taken concurrently with HPR 378.

+380.Advanced SCUBA. 2 hrs. Prerequisite: HPR 300 or permission of instructor. An opportunity to gain safe enjoyable experiences using advanced diving skills under controlled conditions.

390. Recreational Sport Programming. 3 hrs. Prerequisites: HPR 322. Study of sport programming in recreational settings with attention on organization, management, and problems associated with sports programs.

400. Seminar in Recreation. 1 hr. Must only be taken within two semesters of Internship. A senior seminar course designed to examine pertinent issues and current practices in recreation.

401. Corrective and Adaptive Physical Education. 3 hrs. HPR major or minors only.Recognition of and corrective exercises for functional abnormalities. Adapted techniques in instructional settings.

403. Coaching the Female Athlete. 3 hrs. HPR majors or minors only. An analysis and evaluation of the strategies, theories, and research methods that dominate the scientific study of women in sport and practical applications.

404. Motor Development. 3 hrs. A study of the motor aspects of the total human growth and development process. Human Performance majors, Physical Education minors only or by permission of instructor.

405. Governing Agencies in Sport. 3 hrs. HPR majors or minors only. An in-depth study of the government agencies related to the administration and control of athletic competition.

406. Physiology of Aging. 3 hrs. Prerequisites: HPR 308, 308L; CHE 106, 106L. This course will provide a basic scientific rationale for the development and maintenance of health fitness, focusing upon persons past 50.

407. Competitive Sports for Youth. 3 hrs. HPR majors or minors only. An analysis of the organization, administration, and effects of children's participation in sport.

408. Clinical Exercise Physiology. 3 hrs. HPR majors or minors only. Prerequisites: HPR 308, 308L; HPR 422; CHE 106, 106L. Exercise prescription for special populations with concerns for coronary heart disease, hypertension, renal disorders, etc.

409. Psychological and Sociological Aspects of Human Performance. 3 hrs. The analysis and study of human behavior patterns as they relate to sport-related performance.

410. Sport Promotion and Fund Raising. 3 hrs. Prerequisite or Corequisite: MKT 300. HPR majors or minors only. An analysis of sport promotion processes, finance, consumer behavior, marketing, and principles of athletic fund raising.

411. Adapted Activities and Techniques for Therapeutic Recreation. 3 hrs. The principles and techniques of adapting recreation programs and activities to meet the needs of people with disabilities.

412. The Sport Enterprise. 3 hrs. Prerequisite or Corequisite: ECO 201. HPR majors or minors only. An introduction to the methodologies, theories, and analyses of economics and finance as they relate to amateur and professional sport entities.

413. Organization and Administration of Recreation. 3 hrs. Prerequisite or Corequisite: HPR 322, 323. A study of the organization and administration of recreation agencies and their policies, procedures, and practices.

414. Personal and Organizational Ethics in Sport. 3 hrs. The study of values and standards of ethical behavior as it relates to decision-making in the sport industry.

415. Business Procedures for Parks and Recreation. 3 hrs. Prerequisite: MIS 201, 202; HPR 322, 323 A study of specific business procedures and administrative policies.

416. Advanced Techniques of Coaching Basketball. 3 hrs. Prerequisites: HPR majors or minors only; HPR 306 and HPR 325 or permission of instructor. An in-depth study of advanced strategies, scouting, and teaching methods in coaching basketball.

417. Legal Aspects of Recreation and Leisure Services. 3 hrs. Prerequisite or Corequisite: HPR 322, 323. Legal issues related to leisure service management, including legal foundations, legal liability, land use policy, employment regulations, disabled services, and current issues.

418. Advanced Techniques of Coaching Football. 3 hrs. Prerequisites: HPR majors or minors only; HPR 324 or permission of instructor. An in-depth study of advanced techniques of coaching in offensive, defensive, and special team strategies, scouting, and teaching methods.

419. Practicum in Coaching and Sport Administration. 3-6 hrs. CSA majors and minors only. Prerequisites for coaching specialization practicum: HPR 309 or 370 or current CPR and First Aid certification. May be repeated for a total of 6 hrs. Supervised field or clinical based experience in coaching or sport administration. No less than 40 contact hours per credit hour.

420. Practicum. 2-10 hrs. Prerequisites: HPR 302, 308, 308L. May be repeated for a total ten hours. Supervised field or clinical based experience in area of specialization. Exercise Science majors and minors only. One academic credit hour may be earned for no less than 40 contact hours of University supervised experience. Student must provide personal liability insurance.

421. Motor Learning and Control. 3 hrs. The study of sensory-perceptual, and motor processes and factors which influence the acquisition and control of motor skills.

422. Exercise Leadership. 3 hrs. HPR majors and minors only. Prerequisites: HPR 308, 308L. Application of the principles of exercise leadership and prescription, fitness program development and implementation.

423. Biomechanics. 3 hrs. HPR majors and minors only. Prerequisites: HPR 301, HPR 301L. The study of anatomic, mechanical, and neurophysiological factors influencing human motion. HPR 423L must be taken concurrently.

423L. Biomechanics Laboratory. 1 hr. HPR majors and minors only. To be taken concurrently with HPR 423. A study of qualitative and quantitative applications of biomechanical principles to analysis of human movement.

424. Community Recreation Resources, Services, and Organizations. 3 hrs. Prerequisite or Corequisite: HPR 322, 323. A study of the varied agencies which provide community recreation services and the operation of specialized recreation facilities.

425. Field Experience in Officiating Competitive Athletics. 3 hrs. Prerequisites: HPR 431. To provide an opportunity for practical experience in officiating competitive athletics.

426. Program Design and Supervision in Physical Education. 3 hrs. Prerequisite: HPR 321. Physical Education majors or minor only. Program planning and implementation in school and non-school instructional settings.

427. Coaching Track and Field. 3 hrs. HPR majors or minors only. Prerequisite or Corequisite: HPR 306. Study of coaching track and field including personnel selection, performance fundamentals, and training procedures.

428. Coaching Soccer. 3 hrs. HPR majors or minors only. Fundamentals of coaching soccer as it relates to the selection of personnel, game strategies, and proper training procedures.

429. Coaching Baseball. 3 hrs. HPR majors or minors only. Techniques of coaching baseball. Emphasis placed on player selection and placement, team organization, and game strategy.

431. Techniques of Officiating Sports. 3 hrs. Personal skill development in techniques of officiating selected sports.

433. Advanced Management in Recreation. 3 hrs. Prerequisite or Corequisite: HPR 413. A study of advanced policy and procedures in recreation programs and services.

434. Facility Design and Maintenance. 3 hrs. HPR majors or minors only. The principles and applications of design and maintenance as it applies to indoor and outdoor sport and recreation facilities.

436. Park and Recreation Planning. 3 hrs. Prerequisites: HPR 322, 323. Fundamental principles and methodologies dealing with proper identification, allocation, and use of recreational resources through long-range master planning.

436L. Park and Recreation Planning Laboratory. 1 hr. To be taken concurrently with HPR 436.

443. Outdoor Education. 3 hrs. Prerequisites: HPR 322, 323, or by permission of instructor. A study of outdoor education, specifically its philosophy, programs, methods, and resources. Organization, programming, and conducting of programs and activities in educational settings.

444. Operational Administration of Commercial Recreation. 3 hrs. Prerequisite: HPR 344. Emphasizes appropriate management skills which are essential to the successful operation of a commercial recreation enterprise.

447. Interpretation of Cultural and Natural Resources. 3 hrs. The interpretive process as applied to natural and cultural resources.

450. Procedures in Therapeutic Recreation. 3 hrs. Prerequisites: HPR 323 and HPR 350; or SPE 400 or 402. A study of the theories guiding the delivery of therapeutic recreation services and the application of techniques used in professional practice.

451. Therapeutic Recreation Programming. 3 hrs. Prerequisites: HPR 322 and HPR 350; or SPE 400 or 402. Procedures for conducting and analyzing individual assessments, writing individual program plans, analyzing activities, selecting interventions, and evaluating and documenting program effectiveness.

452. Gerontology & Therapeutic Recreation. 3 hrs. Therapeutic Recreation major or Gerontology minor or permission of instructor. An overview of the bio-psychosocial aspects of aging and the provision of recreation services for therapeutic recreation.

453. Professional Issues in Therapeutic Recreation. 3 hrs.. Prerequisite: HPR 350. Course must be taken within two semesters of internship. The study of professional issues in therapeutic recreation practice including certification, accreditation, professional writing, ethics, standards of practice, and research techniques.

454L. Athletic Training Clinical III. 3 hrs. Prerequisites: HPR 219 and 355. Athletic Training majors only. Clinical experience in athletic training with completion of specific competencies in athletic therapy modalities and rehabilitation methods.

455L. Athletic Training Clinical IV. 3 hrs. Prerequisites: HPR 219 and 454. Athletic Training majors only. Clinical experience in athletic training with completion of specific competencies in assessment, rehabilitation, and equipment application.

460. Water Safety Instructor's WSI. 3 hrs. Knowledge and skills beyond the scope of Emergency Water Safety and Lifeguard Training. American Red Cross Instructor certification awarded upon successful completion of course.

462. Methods in Teaching Physical Education. 3 hrs. Physical Education K-12 teaching majors only. Prerequisites: HPR 314, 321, 326. Planning and implementation of effective physical education instructional strategies in secondary schools.

462L Methods in Teaching Physical Education Laboratory. 1 hr. Prerequisites: HPR 314, HPR 321, and HPR 326; to be taken concurrently with HPR 462. Physical Education K-12 Teaching majors only. Supervised pre-student teaching field experience in physical education for practical application.

463. Professional Preparation in Teaching Physical Education. 3 hrs. Prerequisites or corequisites: HPR 462, HPR 462L. Physical Education K-12 Teaching majors only. Philosophical foundations, psychosocial/cultural aspects, and critical issues of the workplace contexts with implications for fiscal support and program advocacy.

464. Issues in Commercial Recreation. 3 hrs. Prerequisite: HPR 344. Insight into issues that cause problems and lead to trends for the commercial recreation service industry.

468. Sport Law. 3 hrs. HPR majors or minors only. Application of law principles to the sports industry. Primary emphasis on tort liability for sport administrators and teacher/coaches.

470. Development of Strength and Conditioning Programs. 3 hrs. HPR majors or minors only. The development and administration of strength, endurance, flexibility, speed, and agility programs.

472L. Field Experience in Athletic Training. 3 hrs. Prerequisite: HPR 475. Practical experience dealing with problem situations in the athletic training setting.

475. Medical Aspects of Athletic Training. 3 hrs. Prerequisite: HPR 374, 375, 378. Team physician and trainer relationships. Physical examination, emergency equipment, medical terminology, and problems related to the team doctor.

477. Developmental Disabilities in Early Childhood. 3 hrs. Overview of contributing factors to atypical early development, identification, and management of at-risk conditions, legal/ethical issues, and legislation/litigation.

478. Specialized Studies in Developmental Disabilities. 1-6 hrs. Specialized study and skill acquisition in the area of developmental disabilities. Topics vary.

479. Seminar in Sports Medicine. 1-3 hrs. Prerequisite: HPR 475. A study of modern techniques used in sports medicine relevant to coaches, athletic trainers, and team physicians.

480. Introduction to Driver Education. 3 hrs. Critical analysis of traffic accidents, attitude factors, essential knowledge of automobile operation and traffic law.

481. Traffic Safety Education. 3 hrs. An in-depth study of the major traffic safety problems including driver, pedestrian, engineering, and enforcement.

482. Laboratory Programs in Driver Education. 3 hrs. An examination of the aims, objectives, and role of laboratory programs in driver education.

483. Methods of Driver and Traffic Safety Education. 3 hrs. Prerequisite: HPR480. Concurrent enrollment in HPR 483L. Methods of teaching in driver education programs.

483L. Driver Education Laboratory. 1 hr. This course is designed to provide students with supervised practical experience. Concurrent enrollment in HPR 483.

484. Simulation in Driver Education. 3 hrs. Prerequisites: HPR 480 and HPR483. Analysis of audiovisual instruction techniques used in driver education.

486. Innovative Programs of Driver Education. 3 hrs. New and unique teaching methods of driver and traffic safety education.

488. Motorcycle Safety Education. 3 hrs. Analysis of the motorcycle traffic problem; methods of teaching classroom and laboratory phases of motorcycle education.

489. Driver Education for Special Students. 3 hrs. Curriculum development and teaching materials in traffic safety education for special education students.

490. Student Teaching in Elementary Physical Education. 7 hrs. Physical Education K-12 majors only. Prerequisite: Admission to Student Teaching Program. Supervised field-based internship in elementary level physical education instruction. Seminar included.

491. Student Teaching in Secondary Physical Education. 7 hrs. Physical Education K-12 majors only. Prerequisite: Admission to Student Teaching Program. Supervised field-based internship in secondary level physical education instruction. Seminar included.

492. Special Problems. 1-3 hrs. HPR majors or minors only.

494. Field Problems. 1-6 hrs. Prerequisite: Permission of Director, School of HP&R. To be used to pursue specialized interests in Human Performance and Recreation.

495. Internship. 9 hrs. Prerequisites: Completion of all major requirements. Recreation majors only. Minimum 400 hour internship under the direct supervision of a field professional. Therapeutic Recreation students must provide personal liability insurance.

496. Internship in Exercise Science. 9 hrs. Prerequisites: HPR 310, completion of all major requirements and an approved site. Exercise Science majors only. A minimum of 400 hours of supervised internship involving the application of exercise principles in the practical aspects of exercise, fitness, wellness, and exercise testing at an internship site. Student must provide personal liability insurance.

497. Professional Collaboration for Developmental Disability Services. 3 hrs. Prerequisite: Upper level undergraduate students only. Study of the interdependent contributions of relevant disciplines in training, service, and research.

498. Families of the Developmentally Disables. 3 hrs. Interdisciplinary approach to the study of families of the developmentally disabled.

499. British Studies. 3-6 hrs. Involves variable topics. Lectures and supervised research in England. Offered exclusively through the USM Institute of Anglo-American Studies.

HUMANITIES (HUM)

490. Studies in European Humanities. 3 hrs. A study of selected works in their cultural and historical contexts. Texts and topics vary.

495. Proseminar in Humanities. 1-2 hrs., repeatable to 3 hrs. Assignment to a Humanities mentor. Supervised writing on an approved topic.

INDUSTRIAL ENGINEERING TECHNOLOGY (IET)

300. Manufacturing Processes. 2 hrs. Corequisite: IET 300L. Elementary manufacturing operations and their combination into manufacturing processes; general metals; and metal forming.

300L. Manufacturing Processes Laboratory. 1 hr. Corequisite: IET 300.

302. Industrial Quality Control. 3 hrs. Prerequisite: CSS 211. The use of control charts, acceptance sampling, and tolerances to test and improve product quality. Basic reliability.

308. Maintenance Engineering Technology. 3 hrs. Prerequisite: CSS 211. Corequisite: IET 308L. Problems associated with keeping an operating system at a highly productive level and managing a maintenance department.

308L. Industrial Engineering Technology Laboratory. 0 hr. Corequisite: IET 308.

310. CNC Machining. 2 hrs. Prerequisite: IET 300. CNC machining, equipment, principles, programming, operations, applications, and maintenance.

310L. CNC Machining Laboratory. 1 hr. Corequisite: IET 310. CNC machining lab.

350. Industrial Cost Control. 3 hrs. Analysis of individual cost components that impact the total cost of manufacturing goods or services. Cost control techniques surveyed range from the analysis of raw materials, reliability, labor, machine and equipment selection, automation, overhead, warehousing, material handling, and inventory to the shipment of the final product.

392. Special Problems. 1-3 hrs. Prerequisites: Junior standing and approval of faculty adviser. Individual or group study in area not covered by available courses.

400. Senior Project. 3 hrs. Prerequisites: Senior standing and approval of faculty adviser. Student required to complete project in his or her area of specialization.

401. Senior Project. 3 hrs. Continuation of IET 400.

405. Production and Inventory Control Systems. 3 hrs. Principles of production and inventory planning and control. Forecasting techniques, EOQ, MRP, production scheduling, line balancing, CPM/PERT.

406. Industrial Automation. 3 hrs. Pneumatic logic, ladder logic diagrams, and programmable logic controllers.

407. Personnel in Technology. 3 hrs. Concepts, principles, techniques, and programs essential to the employment, development, utilization and supervision of industrial personnel.

408. Innovations in Technology. 3 hrs. A survey of CAD/CAM systems and recent developments in the field. Computer integrated manufacturing, group technology, artificial intelligence, laser beam technology.

409. Plant Layout and Material Handling. 3 hrs. Prerequisite: IET 480. Effectiveness of plant layout and material handling to the production activity, involving personnel, materials, tools and equipment.

410. Motion and Time. 3 hrs. Corequisite: IET 410L. Methods improvement, time study, and predetermined motion times.

410L. Motion and Time Laboratory. 1 hr. Corequisite: IET 410.

420. Design for Rapid Prototyping. 3 hrs. Prerequisites: ENT 320 and ENG 333. Survey of applications or rapid automated prototyping, stero-lithography systems, parametric design and reverse engineering.

440. Alternate Energy Systems. 3 hrs. Study of alternative sources of energy and power.

441. Industrial Energy Management. 3 hrs. A study of the technical and economic considerations for energy management in industry.

460. Manufacturing Engineering Technology. 2 hrs. Prerequisite: IET 310. Corequisite: IET 460L. Principles and functions essential to the manufacture of tangible product. Materials, processes, quality, and other technical considerations.

460L. Manufacturing Engineering Technology Laboratory. 1 hr. Corequisite: IET 460.

480. Industrial Simulation and Modeling. 3 hrs. Prerequisite: CSS 211. Analysis of manufacturing and service operations encountered in industry using computer simulation techniques.

491. Seminar. 2 hrs. Prerequisite: Senior standing. Tours, guest lectures, student presentations, and discussions of the latest methods in the field.

492. Special Problems. 1-3 hrs. Prerequisites: Senior standing and approval of faculty adviser. Supervised study in area not covered by available courses.

INTERIOR DESIGN (ID)

140. Interior Design I. 3 hrs. An introduction to the field of interior design with emphasis on processes and resources of the designer.

221. Floral Design. 3 hrs. Fundamentals of floral arrangement and design.

232. Interior Materials and Installation Methods. 3 hrs. Prerequisites: ID 140 (or permission of the instructor). A study of architectural materials for interiors with an emphasis on selection, cost, installation, construction supervision, and code/standards requirements.

238. Visual Communications in Interior Design. 3 hrs. Prerequisites: ART 101, ACT 132, and ID 140 or permission of instructor. An introduction to visual communication in interior design with emphasis on orthographic and free-hand drawing and visual design terminology.

240. Interior Design II. 3 hrs. Prerequisites: ID 140, ACT 132, and ART 101 and 111 or permission of instructor. A studio course for the exploration and application of design methodology to interior environments.

303. Interior Systems. 3 hrs. Studio/lecture. Prerequisites: ID 140, 232, 240, ACT 132, MAT 101, or permission of instructor. (May be taken concurrently with ID 323 and/or 240.) Design aspects of interior systems that affect human sensory response, behavior, productivity, and well-being with an emphasis on lighting, acoustics, plumbing, and HVAC.

320. Design Presentation Media. 3 hrs. Prerequisites: All requirements for enrollment in 300/400 level interior design studio. The application of various media and techniques for the presentation of interior design concepts.

325. History of Interior Furnishings and Decorative Arts. 3 hrs. Prerequisites: ID 140 (or permission of the instructor). A study of the historical relationships between the decorative arts, period furniture, and interior design as revealed in European, Oriental, and American furniture styles and domestic interiors from antiquity through the twentieth century.

333. Textiles for Interiors. 3 hrs. A study of the production, properties, and performance of textiles for interiors with emphasis on the selection of textiles for specific environmental applications.

334. Surface Enrichment. 3 hrs. Prerequisites: ID 320 (with grade of ``C'' or better). An exploration of the methods and processes of the surface enrichment of interior furnishings and textiles.

337. Housing and House Furnishings. 3 hrs. Prerequisite: Junior or senior standing. A study of psychological, sociological, economic, and aesthetic aspects of housing and house furnishings.

339. Interior Design III. 3 hrs. Studio/lecture. Prerequisites: ID 232, 303, 320, or permission of the instructor. The analysis and application of architectural detailing, building systems, standards, and codes necessary for programming, problem solving and the space planning of interior spaces.

340. Residential Interior Design I. 3 hrs. Studio/lecture. Prerequisites: ID 232, 303, 320, or permission of the instructor. Advanced application in space planning, human factors, interiors for special needs, and interior systems for residential interiors.

342. Residential Interior Design II. 3 hours. Studio/lecture. Prerequisites: ID 238, 303, 320, 325, 339, or permission of the instructor. Advanced problems in space planning, human factors, historical furnishings/interiors, and ornamentation for residential interiors.

438. Portfolio Presentation. 1 hr. Prerequisites: ID 340 or ID 440. Discussion and analysis of principles, trends, and practices relevant to portfolio design and presentation for entry level and internship positions in the interior design profession.

439. Contract Interior Design I. 3 hrs. Studio/lecture. Prerequisites: ID 232, 303, 320, or permission of the instructor. Advanced problems in commercial interiors with an emphasis on office design projects.

440. Contract Interior Design II. 3 hrs. Studio/lecture. Prerequisite: ID 232, 303, 320, or permission of the instructor. Advanced problems in commercial interiors with an emphasis on hospitality, retail, and medical or institutional design projects.

441. Professional Practices and Procedures. 3 hrs. Prerequisite: ID 240. Application of the aspects of business to the interior design profession.

442. Interior Design Internship. 4 hrs. Prerequisites: ENG 333; ID 232, 325, 339, 340, 342, 438, 439, 440, with a grade of C or better in all work completed under major courses of study in the PACE Degree Plan and an overall 2.50 GPA for the last 60 hours of course work completed. A practicum for the interior design student in a working-training situation with a professional interior designer.

478. Seminar in Interior Design. 1-3 hrs. Prerequisite: Junior or senior standing and permission of instructor. An in-depth study of special topics to meet current needs. May be repeated for a total of no more than seven hours.

490. Advanced Application of Design Theory. 3 hrs. Prerequisites: ENG 333; FMA 330; ID 232, 325, 339, 440 (with a grade of "C" or better). Directed in-depth research and problem solving application of a current interior design issue or a design project within the community.

492. Special Problems. 1-6 hrs. Prerequisite: 2.0 Overall GPA. Directed individual study. (Students undertaking a Seniors Honor Project will enroll in ID H492.

497. British Housing and Interiors. 3-6 hrs. Studies abroad: a series of lectures and tours by English authorities on interior design topics.

INTERNATIONAL BUSINESS (IB)

(Enrollment in courses numbered 300 or above requires at least junior standing)

472. International Business. 3 hrs. Co-requisite: FIN 472. A survey of the various elements of international business including a field project related to exporting and importing.

492. Special Problems in International Business. 1-6 hrs. Prerequisite: Consent of Chair. Individual study on an approved topic in international business. (Students undertaking a Senior Honors Project will enroll in IB H492.)

498. International Business Seminar Abroad. 3-6 hrs. May be repeated for total of six hours. Prerequisite: Consent of Program Director. Conducted in various locations abroad: a series of lectures and discussions involving authorities on international business issues and practices.

INTERNATIONAL STUDIES (IS)

199. Study Abroad. 3-6 hrs. International study abroad for freshmen and sophomores.

490. Internship in International Studies. 3-6 hrs. Internship in a government agency, business, or community or educational organization with an international orientation. Open only to International Studies majors who have achieved junior status.

491. Senior Seminar in International Studies. 3 hrs. Undergraduate seminar required of International Studies majors.

492. Special Problems. 1-3 hrs.

496. Latin American Studies. 3-6 hrs. Lecture series and research in Latin American Studies offered abroad under the auspices of the Center for International Education.

497. European Studies. 3-6 hrs. Lecture series and research in European studies offered abroad under the auspices of the Center for International Education.

498. Asian Studies. 3-6 hrs. Lecture series and research in Asian studies offered abroad under the auspices for the Center for International Education.

499. Seminar in International Studies. 3-6 hrs. Study of selected topics in international affairs with particular attention to diplomatic, security, economic, and environmental policy analysis.

JOURNALISM (JOU)

202. Basic Newswriting. 3 hrs. Prerequisites: ENG 101, 102, typing proficiency. Fundamentals of mass media writing. Emphasis on format, writing, and evaluation of news in deadline situations.

203. Reporting. 3 hrs. Prerequisite: JOU 202. Application of news gathering techniques. Emphasis on interviewing, story idea origination and writing of original material for publication.

231. Issues in Advertising. 3 hrs. A study of practices and problems in advertising and its relationship to society.

240. Visual Communication. 3 hrs. Introduction to visual semantics, including the cues and symbols by which images convey meaning and their impact on viewers.

241. Basic Elements of Photography. 3 hrs. Corequisite: JOU 241L. Introductory course in camera operations, exposing, developing and printing black and white photographs.

+241L. Basic Photography/Journalism Laboratory. 1 hr. Corequisite: JOU 241.

242. Photojournalism. 3 hrs. Prerequisites: JOU 241, 241L. Corequisite: JOU 242L. Intermediate course in camera and darkroom techniques. Emphasizes presentation of black and white still photojournalism.

+242L. Photojournalism Laboratory. 1 hr. Corequisite: JOU 242.

301. Feature Writing. 3 hrs. Prerequisite: JOU 203. Researching and writing feature articles, particularly for the magazine markets. Analyses of the magazine medium and freelance markets.

303. Investigative Strategies for Journalists. 3 hrs. Prerequisite: JOU 203. Strategies to locate, understand and use records and documents, including nongovernment sources and computer data bases, interviewing techniques as documentary evidence.

311. Editing. 3 hrs. Prerequisite: JOU 202. Practice in the preparation of copy for print publications. Emphasizes precise language usage, news style, headline and caption writing.

312. Graphic Design. 3 hrs. Survey of type and printing, with exercises in copy writing, design and layout of newspaper and other publications.

330. Advertising Creative Strategy. 3 hrs. Prerequisite: JOU 231, 312. Study and practical exercises in preparation of camera-ready copy for advertising layouts.

333. Advertising Media. 3 hrs. Prerequisites: JOU 231 and CSS 211, ECO 301, PSY 360, or SOC 460. The study of media as vehicles for advertising messages; preparation of media objectives, strategies, budgets and buying plans as integral parts of the advertising process.

402. Advanced Reporting. 3 hrs. Prerequisites: JOU 203, 303. Reporting emphasizing research, analysis, and writing about government and public institutions. Traditional and contemporary reporting strategies examined.

403. Specialized Reporting. 3 hrs. Prerequisite: JOU 203. Investigative and interpretative reporting of complex or specialized subjects. Emphasis on writing for publication.

405. Problems in Publication Production. 3 hrs. Practical training in the production of student publications and advising of staffs.

418. Practicum in Journalism. 1-3 hrs. Prerequisite: Consent of adviser. Supervised experience in news, photography, public relations, or advertising.

421. Public Relations. 3 hrs. Introduction to the professional practice of public relations, emphasizing its function and process, publics, tools and media of communication and professional ethics.

422. Public Relations Writing and Publication Design. 3 hrs. Prerequisites: JOU 202, 312, 421. Concentrates on designing total public relations packages for public, business, and non-profit organizations. Requires production of a publicity campaign.

426. Public Relations Research. 3 hrs. Prerequisite: JOU 421 and CSS 211, BA 301, PSY 360, or SOC 460. Introduction to quantitative and qualitative methods of applied, basic, and evaluative research used in developing and managing public relations programs.

428. Public Relations Campaigns. 3 hrs. Prerequisite: JOU 421, JOU 426. Emphasizes systematic analysis of clients and publics, formulation of goals and strategies, and multimedia communications. Evaluation of effectiveness and budget preparation included. Case studies and field project.

429. Internship. 3 hrs. Prerequisite: Consent of adviser. Designed for students who have arranged internship in news, photography, advertising, and public relations.

431. Advertising Campaigns. 3 hrs. Prerequisite: JOU 330, 331, 333 and Senior Standing. Planning and executing advertising campaigns.

433. Problems and Cases in Advertising. 3 hrs. Prerequisites: JOU 231, 330, 333 and Senior Standing. The focus is upon problems, decisions, and decision-making processes of advertising managers with special emphasis upon decision-making across the functional areas of the advertising process.

441. Photojournalism Portfolio. 3 hrs. Prerequisite: JOU 242 and 242L. Corequisite: JOU 441L. Allows completion of student portfolio entries. Emphasizes presentation formats and styles.

+441L. Photojournalism Portfolio Laboratory. 1 hr. Corequisite: JOU 441.

450. History of Journalism. 3 hrs. Major events, issues, and personalities of American mass media examined within interdisciplinary framework. Historical relations of print media and public institutions emphasized.

452. Press and Society. 3 hrs. Roles and responsibilities of mass media in society. Critique of mass media performance. Media codes and controls on the media.

455. Media Ethics. 3 hrs. Examination of major moral dilemmas, issues and practices of mass media through lectures and case studies, with emphasis on moral decision-making.

460. Press Law and Ethics. 3 hrs. Rights and constraints of the press, with emphasis on both legal and ethical considerations. A study of libel, copyright, monopoly, contempt, regulations, and other aspects of the law as applied to mass communication.

480. Seminar in Journalism. 3 hrs. Examination of theoretical concepts in journalism and the setting for their application. May be repeated for maximum 6 hrs. credit.

492. Special Problems. 1-3 hrs. (Students undertaking a Senior Honors Project will enroll in JOU H492.)

498. British Studies in Photography. 3-6 hrs. Prerequisite: Consent of Instructor. Lecture and research in British photography abroad under the auspices of the USM British Studies Program.

499. British Studies in Journalism. 3-6 hrs. Prerequisite: Consent of instructor. Lecture and research in British Journalism offered abroad under the auspices of the USM British Studies Program.

LEARNING SKILLS (LS)

090L. Developmental Learning Skills Lab. 3 hr. Corequisite: CIE 090, ENG 090, and MAT 090. Required for students enrolled in the summer developmental program.

101. Academic Support I. 3 hrs. Required for students enrolled in the summer developmental program. Consists of classroom, individual, and computer-assisted instruction along with career counseling.

102. Academic Support II. 3 hrs. Required for students enrolled in the summer developmental program. Consists of classroom, individual and computer-assisted instruction along with career counseling.

LIBRARY AND INFORMATION SCIENCE (LIS)

301. Introduction to Library Resources and Usage. 1 hr. A survey of library resources as well as methods and techniques for effective utilization of library materials and services.

401. Introduction to Reference Resources and Services. 3 hrs. An introduction to reference materials, services, activities, and functions as well as methods for locating information.

+405. Cataloging and Classification. 3 hrs. Principles and methods of cataloging and classifying library materials. Provides practice in bibliographical description and subject analysis.

406. Advanced Cataloging and Classification. 3 hrs. Prerequisite: LIS 405. Advanced study of the principles and methods of descriptive and subject cataloging and classification with attention to non-print materials.

408. School Library Media Centers. 3 hrs. A survey of the objectives, functions, and organization of the library-media center in elementary and secondary schools.

411. Development of Multi-Media Collections. 3 hrs. Philosophy and principles governing the selection and procurement of all types of library materials, including the use of selection aids and bibliographic sources for developing both print and non- print collections.

+416. Utilization of Audiovisual Media and Equipment. 3 hrs. A survey of media resources and equipment with an emphasis on utilization in libraries. Provides experience with equipment.

417. Literature and Related Media for Children. 3 hrs. A survey of children's literature, traditional and modern, and other related materials for use by and with children in grades 1- 6.

418. Literature and Related Media for Adolescents. 3 hrs. Study of adolescent literature and other related materials for use by and with young people in grades 7-12.

425. Instruction and Assessment in Media Programs. 3 hrs. The assessment of individualized styles of instruction in school library media centers.

428. Storytelling. 3 hrs. Prerequisite: LIS 417 or 418. A study of oral tradition and folk literature with emphasis on selection of stories and the art and technique of storytelling. Provides practice in storytelling.

433. History of the Book. 3 hrs. A study of the origins and early development of books and printing in Western Europe and the Americas.

445. Sources of Information for a Multicultural Society. 3 hrs. Overview of the diversity of information resources available in print and other media for a multicultural society and the diversity of information utilization by that society.

457. Microcomputers in Libraries. 3 hrs. Examines the various applications in which microcomputers are and will be utilized in different types of information centers and libraries.

458. Internet Resources and Applications for Librarians and Informationalists. 3 hrs. Introduces the practical and theoretical issues related to information collection, storage, access, and retrieval in a technologically oriented society, using Internet as the underpinning for both discussion and practical exploration.

480. British Studies: Studies in Librarianship. 3 hrs. Prerequisite: Consent of instructor. Comparative studies of library and information- related institutions, bibliographic organization, models of service and professional practice in the United States and Great Britain.

481. British Studies: Seminar in Children's and Young Adult Literature. 3 hrs. Prerequisite: Consent of instructor. Intensive study of specific topics of British interests in literature for children and adolescents.

486. British Studies: Historical Studies in Children's Literature. 3 hrs. Prerequisite: Consent of instructor. Traces the development of children's literature in England and the United States to the early 20th Century.

487. British Studies: Research. 3 hrs. Prerequisite: Consent of instructor. Provides the opportunity for in-depth research projects.

489. Library Practicum. 1-4 hrs. Arr. Supervised work in a library to provide the student with operational library experience.

491. The Library Media Center and the School Curriculum. 3 hrs. Examines the relationship of the media center program in the school curriculum with emphasis on the role of the media specialist.

491L. The Library Media Center and the School Curriculum Methods Lab. 1 hr. Concurrent: LIS 491. A laboratory practicum designed to accompany LIS 491.

492. Special Problems in Librarianship. 1-3 hrs. Individual investigation of topics to be approved by the director. (Students undertaking a Seniors Honor Project will enroll in LIS H492.)

493. Issues in Public Librarianship. 3 hrs. Considers problems involved in the administration and supervision of public libraries. Emphasizes topics relevant to participants.

494. Student Teaching in Library Science I. 7 hrs.

495. Student Teaching in Library Science II. 7 hrs.

MANAGEMENT (MGT)

(Enrollment in Management courses requires at least junior standing.)

300. Management for Organizations. 3 hrs. Managerial functions, concepts, and practices within organizations.

304. Decision Models. 1.5 hrs. Prerequisite: MGT 300. An introduction to the use of quantitative methods for managerial decision making, including decision analysis, linear programming, and simulation.

350. Quality Management. 1.5 hrs. Prerequisite: MGT 300. An introduction to the principles of total quality management (TQM).

364. Human Resource Management. 3 hrs. Prerequisite: MGT 300. Emphasis on procuring, developing, maintaining, and utilizing an effective work force within the current legal and social environment.

400. Global Managerial Policy and Strategy. 3 hrs. Prerequisites: Senior standing with ACC 300 or 320, FIN 300, MGT 300, and MKT 300. Business administration and strategy in a global environment.

454. Organizational Behavior. 3 hrs. Prerequisite: MGT 300. A study of individual and group behavior in organizations, including motivation, leadership, and communication.

455. Organization Theory. 3 hrs. Prerequisite: MGT 300. To develop an understanding of the impact of the interaction of structure, environment, technology, and climate on organizational effectiveness.

465. Production and Operations Management. 3 hrs. Prerequisites: BA 301 and MGT 300. Development of the P.O.M. functions of production planning and control, inventory control, quality control, and materials handling.

468. Compensation Administration. 3 hrs. Prerequisite: MGT 300. Wage and salary administration including job analysis, incentive systems, wage survey, and fringe benefits.

472. Labor Relations. 3 hrs. Prerequisite: MGT 300. An integrated study of current law, practice, and policy; cases and role playing.

475. Entrepreneurship/Small Business Management. 3 hrs. Prerequisite: MGT 300. Theories and applications related to unique challenges of initiating and/or operating a small business.

480. Current Issues in Management. 3 hrs. Prerequisites: MGT 364 and MGT 454. A comprehensive course designed to synthesize management topics and relations with current opportunities and problems facing businesses.

482. Small Business Operations Management. 3 hrs. Prerequisite: MGT 475. A case approach to entrepreneurship.

492. Special Problems in Management. 1-6 hrs. Prerequisite: Consent of Chair. Individual study on an approved topic in management. (Students undertaking a Senior Honors Project will enroll in MGT H492.)

495. International Management. 3 hrs. Prerequisite: MGT 300. A course concentrating on the comparison of problems in management in the U.S. with those of multi-national firms.

498. International Management Seminar Abroad. 3 hrs. Prerequisite: Consent of Program Director. Conducted in London, England: a series of lectures and discussions involving authorities on international management issues and practices.

499. International Management Research Abroad. 3 hrs. Prerequisite: Consent of Program Director. A research course in international management offered to students enrolled in MGT 498.

MANAGEMENT INFORMATION SYSTEMS (MIS)

(Enrollment in courses numbered 300 or above requires at least junior standing.)

201. Introduction to Business Computer Concepts. 1 hr. Introduction to computer operating systems and concepts in the business environment. (For students with advanced experience in word processing and DOS, a challenge exam may be granted with permission from the Chair of Management and MIS.)

202. Introduction to Business Spreadsheets. 1 hr. Introduction to the use of spreadsheets in the business environment. (For students with advanced experience in spreadsheets, a challenge exam may be granted with permission from the Chair of Management and MIS.)

203. Introduction to Business Database. 1 hr. Introduction to the use of databases in the business environment. (For students with advanced experience in database management, a challenge exam may be granted with permission from the Chair of Management and MIS.)

204. Introduction to Business Systems Topics. 1 hr. Introduction to current topics and application in business information systems.

300. Management Information Systems. 3 hrs. Prerequisites: MIS 201 and 202. An introduction to management information systems.

309. Business Process Systems and Control. 3 hrs. Prerequisite: MIS 300 with a C or better. An examination of the basic processing cycles used to process accounting and operational data in business systems.

310. Systems Analysis and Design. 3 hrs. Prerequisites: MIS 300 and MIS 309 with grades of C or better. The tools, techniques, and concepts of analysis and design of business information systems.

315. Applications Program Development. 3 hrs. Prerequisite: MIS 310. The interactive development of business problems, utilizing advanced data structure and file maintenance.

320. Advanced Microcomputer Applications. 3 hrs. Prerequisites: MIS 300 with a C or better. An advanced course in the use of business microcomputers for decision support and information retrieval.

392. Supervised Field Experience in MIS. 1-3 hrs. Prerequisite: MIS 300 with grade no lower than B and permission of instructor. Supervised field-based internship in management information systems.

401. Database Management Systems. 3 hrs. Prerequisite: MIS 310 with a C or better. The theory and practice of database design. Software packages are used to design business information systems.

406. Data Communications. 3 hrs. Prerequisite: MIS 300 with a C or better. A course on the wide range of modern business systems, including transmission protocols, networking, and the management of distributed computer systems.

408. Business Operating Systems. 3 hrs. Prerequisite: MIS 300 with a C or better. The application and structure of various operating systems to the business environment.

412. Systems Analysis and Design Applications. 3 hrs. Prerequisites: MIS 315, MIS 401, MIS 406, MIS 320/408 with grades of C or better and must be in semester of graduation. A continuation of MIS 310. The course focuses on the design of practical business information systems.

492. Special Problems in Management Information Systems. 1-6 hrs. Prerequisite: Consent of Chair. Individual study on an approved topic in management information systems. (Students undertaking a Senior Honors Project will enroll in MIS H492.)

MANUFACTURING TECHNOLOGY (MFG)

200. World of Manufacturing. 3 hrs. Manufacturing and society; emphasis on how a product is made, marketed and serviced; materials and design; newer technologies. May not be applied to a degree in engineering technology.

MARINE SCIENCE (MAR)

151. Introduction to Ocean Science. 3 hrs. Survey of the physical, chemical, geological and biological features of the ocean.

151L. Introduction to Ocean Science Laboratory. 1 hr. Pre- or Corequisite: MAR 151. Elementary exercises for interpreting oceanographic data and samples.

300. Marine Science I: Oceanography. 3 hrs. Prerequisites: college algebra, 8 hours of chemistry and 8 hours biological sciences. For upper division science majors. An introduction to biological, chemical, geological, and physical marine sciences.

300L. Marine Science I Laboratory. 2 hrs. A laboratory for MAR 300.

301. Marine Science II: Marine Biology. 3 hrs. Prerequisites: 8 hours of biological sciences. An introduction to marine biology with emphasis on local fauna and flora.

301L. Marine Science II Laboratory. 2 hrs. A laboratory for MAR 301.

401. Biological Oceanography. 3 hrs. Prerequisite: Permission of instructor. Biological processes in the ocean and the influence of biotic and abiotic factors on these processes.

401L. Biological Oceanography Laboratory. 1 hr. A laboratory designed to accompany MAR 401.

402. Marine Environmental Science. 3 hrs. A study of the problems that affect the coastal and nearshore environments of the Gulf of Mexico.

403. Marine Invertebrate Zoology. 3 hrs. Prerequisites: 16 hours of biology. Morphology, distribution, and ecology of the phyla Protozoa through Protochordates.

403L. Marine Invertebrate Zoology Laboratory. 3 hrs. A laboratory for MAR 403.

404. Parasites of Marine Animals. 3 hrs. Prerequisite: Consent of instructor. Emphasis on morphology, taxonomy, life histories, and host- parasite relationships.

404L. Parasites of Marine Animals Laboratory. 3 hrs. A laboratory for MAR 404.

405. Marine Ecology. 3 hrs. Prerequisite: 16 hours of biological sciences. The relationship of marine organisms to their environment.

405L. Marine Ecology Laboratory. 2 hrs. A laboratory for MAR 405.

406. Fauna and Faunistic Ecology of Tidal Marshes. 2 hrs. Prerequisite: Consent of instructor. Taxonomy, distribution, trophic relationships, reproductive strategies and adaptation of tidal marsh animals. May be taken as BSC 448.

406L. Fauna and Faunistic Ecology of Tidal Marshes Laboratory. 3 hrs. A laboratory for MAR 406. May be taken as BSC 448L.

407. Marine Aquaculture. 3 hrs. Problems and procedures relating to the culture of commercially important crustaceans, fish, and mollusks.

407L. Marine Aquaculture Laboratory. 3 hrs. A laboratory for MAR 407.

408. Marine Ichthyology. 3 hrs. Prerequisite: 16 hours of biology. Marine fishes including evolutionary relationships, morphology, physiology, and zoogeography.

408L. Marine Ichthyology Laboratory. 3 hrs. A laboratory for MAR 408.

409. Marine Microbiology. 3 hrs. Prerequisite: General Microbiology. An introduction to the role of microorganisms in overall ecology of the oceans and estuaries.

409L. Marine Microbiology Laboratory. 2 hrs. A laboratory for MAR 409.

410. Marine Fisheries Management. 2 hrs. Prerequisite: Consent of instructor. An overview of practical marine fishery management problems. (May be taken as BSC 449.)

410L. Marine Fisheries Management Laboratory. 2 hrs. Corequisite for MAR 410.

420. Marine Phycology. 2 hrs. Prerequisite: 10 hours of biology including botany. A survey, based upon local examples, of the principal groups of marine algae.

420L. Marine Phycology Laboratory. 2 hrs. A laboratory for MAR 420.

421. Coastal Vegetation. 2 hrs. Prerequisite: 10 hours of biology, including general botany. A study of general and specific aspects of coastal vegetation, with emphasis on local examples.

421L. Coastal Vegetation Laboratory. 1 hr. A laboratory for MAR 421.

422. Salt Marsh Plant Ecology. 2 hrs. The botanical aspects of local marshes; includes plant identification, composition, and structure.

422L. Salt Marsh Plant Ecology Laboratory. 2 hrs. A laboratory for MAR 422.

423. Marine Mammals. 2 hrs. Prerequisite: 16 hours biological sciences or permission of instructor. Corequisite: MAR 423L. Course will emphasize natural history and population ecology of cetaceans. Will include life history, distribution, population dynamics, diet and feeding, social behavior, evolution, and zoogeography.

423L. Marine Mammals Laboratory. 2 hrs. Corequisite: MAR 423. A laboratory for MAR 423.

430. Comparative Histology of Marine Organisms. 3 hrs. Prerequisite: Consent of instructor. Histology of marine organisms, including tissue processing techniques.

430L. Comparative Histology of Marine Organisms Laboratory. 3 hrs. A laboratory for MAR 430

441. Marine Chemistry. 3 hrs. Prerequisite: Permission of instructor. Sea water chemistry and cycles and their impact on the marine environment.

441L. Marine Chemistry Laboratory. 1 hr. A laboratory for MAR 441.

443. Environmental Estuarine Chemistry. 3 hrs. Prerequisites: BSC 111, CHE 256, MAT 179, or permission of instructor. Corequisite: MAR 443L. Sources, reactions, transport, fate and effects of environmental chemical species in aquatic environments with special emphasis on estuaries.

443L. Environmental Estuarine Chemistry Laboratory. 1 hr. Corequisite: MAR 443. A laboratory for MAR 443.

456. Techniques in Marine Science Education. 3 hrs. Marine resources of Mississippi. May be taken as SCE 456.

457. Marine Science for Teachers. 3 hrs. Prerequisite: MAR/SCE 456 or permission of instructor. Advance topics in marine science. May be taken as SCE 457.

458. Marine Science for Elementary Teachers. 3 hrs. Prerequisite: Permission of instructor. May be taken as SCE 435.

459. Coastal Ecology for Teachers. 3 hrs. Prerequisite: Permission of instructor. Corequisite: MAR 459L. Designed to provide teachers with a background in basic coastal ecology. (May be taken as SCE 459.)

459L. Coastal Ecology for Teachers Laboratory. 1 hr. Prerequisite: Permission of instructor. Corequisite: for MAR 459. (May be taken as SCE 459L.)

461. Physical Oceanography. 3 hrs. Prerequisites: PHY 112 or 202 and MAT 179 or permission of instructor. An introduction to the physical properties of the oceans.

461L. Physical Oceanography Laboratory. 1 hr. A laboratory for MAR 461.

466. Acoustics. 3 hrs. Prerequisites: MAT 471 or permission of instructor. Principles of the generation, transmission and reception of acoustic waves.

481. Geological Oceanography. 3 hrs. Prerequisite: Permission of instructor. Study of the formation and deformation of the oceanic crust and the distribution and character of marine sediments.

481L. Geological Oceanography Laboratory. 1 hr. A laboratory for MAR 481.

482. Coastal Marine Geology. 3 hrs. Prerequisite: 6 hours in geology. Inshore and nearshore geological processes, sedimentation patterns, and land forms. May be taken as GLY 431.

485. Microcomputer Applications in Marine Science Instrumentation. 3 hrs. Introduction to programming and hardware concepts relevant for marine science applications.

490. Special Problems in Marine Science. 1-6 hrs. Prerequisite: Consent of instructor. Independent research.

491. Special Topics in Marine Science. 1-6 hrs. Prerequisite: Consent of instructor. Directed study in area for which no formal courses are offered.

MARKETING (MKT)

(Enrollment in Marketing courses requires at least junior standing.)

300. Principles of Marketing. 3 hrs. A study of the marketing function in organizations.

322. Creative Marketing. 3 hrs. Prerequisite: MKT 300. An introductory course in problem-solving techniques which emphasizes creative problem-solving methodology, information processing strategies, and interpersonal behavior in task-oriented groups applied to marketing.

330. Professional Selling. 3 hrs. Prerequisite: MKT 300. An analysis of the ethics, functions, and techniques of professional selling using a behavioral and managerial approach.

355. Principles of Advertising. 3 hrs. Prerequisite: MKT 300. An introduction to the field of advertising including the background and social impact of today's advertising, media selection, copywriting, layout, visualization, and typography.

365. Consumer Behavior. 3 hrs. Prerequisite: MKT 300. Analysis of human behavior in the market place. Emphasis is placed on applying concepts from the social sciences to understanding consumer decision processes, buying patterns, and consumer research.

370. Principles of Purchasing. 3 hrs. Prerequisite: MKT 300. An introduction to the principles of purchasing in industrial and nonprofit organizations.

380. Industrial Marketing. 3 hrs. Prerequisite: MKT 300. A survey of business-to-business marketing practices with emphasis on commercial, institutional, and governmental organizations.

424. Marketing Research. 3 hrs. Prerequisites: MKT 300 and BA 301. A study of the systems, methods, and procedures used in meeting the informational needs of managers in the marketing area for both quantitative and qualitative marketing data.

428. Marketing Management. 3 hrs. Prerequisite: Completion of business core and senior standing. A comprehensive course designed to synthesize the more specialized marketing knowledge of the student through the study of case histories.

430. Sales Management. 3 hrs. Prerequisites: MKT 300 and MKT 330. A study of the methods and procedures involved in selection, training, organization, compensation, supervision, and evaluation of the sales force, using the modified case method of instruction.

444. Retail Management and Strategy. 3 hrs. Prerequisite: MKT 300. An examination of specific problem areas in retail innovations, spatial competition, and retail mix development.

458. Promotion Management. 3 hrs. Prerequisite: MKT 300. A practical application and integration of the basic principles from the areas of advertising, personal selling, sales promotion, public relations, and publicity. A modified case approach is used in the course.

492. Special Problems in Marketing. 1-6 hrs. Prerequisite: Consent of Chair. Individual study on an approved topic in marketing. (Students undertaking a Senior Honors Project will enroll in MKT H492.)

495. International Marketing. 3 hrs. Prerequisites: MKT 300 and MGT 300. The economic, political, and cultural aspects of international business operations.

498. International Marketing Seminar Abroad. 3 hrs. Prerequisite: Consent of Program Director. Conducted in London, England: a series of lectures and discussions involving authorities on international marketing issues and practices.

499. International Marketing Research Abroad. 3 hrs. Prerequisite: Consent of Program Director. A research course in international marketing offered for students enrolled in MKT 498.

MATHEMATICS (MAT)

090. Developmental Mathematics. 3 hrs. Basic arithmetic skills review and strong concentration on beginning algebra. Open only to Development Educational Program students.

099. Intermediate Algebra. 3 hrs. Required of all entering freshmen with a sub-standard ACT mathematics score. Does not satisfy any University core or degree requirements. Meets 250 contact minutes per week. (CC 1233)

101. College Algebra. 3 hrs. Prerequisite: Two years of high school algebra or MAT 099. Polynomials, factoring, functions and graphs, linear and quadratic equations and inequalities. (CC 1313)

102*. Finite Mathematics and Introduction to Calculus. 3 hrs. Prerequisite: MAT 101. Matrices and systems of equations, introduction to calculus. (CC 1333, 1423, 1513)

103. Plane Trigonometry. 3 hrs. Prerequisite: Two years of high school algebra or the equivalent. Trigonometric functions and their inverses, trigonometric identities and equations, solutions of triangles, logarithms. (CC 1323)

128. Precalculus Mathematics. 3 hrs. Prerequisite: High school trigonometry. Functions, analytic geometry, sequences, series, mathematical induction.

(The above courses are open only to freshmen. Other students desiring to take these courses must have approval from the Chair of the Department of Mathematics. Only two of the following can be taken for credit: MAT 101, MAT 103, and MAT 128.)

136. Applied Calculus for Engineering Technology I. 3 hrs. Prerequisite: MAT 103. Plane analytic geometry, differentiation and integration with applications to curvilinear motion, related rates, curve sketching and areas. (A student who receives credit for any other calculus course cannot use this course to satisfy any degree requirements in the College of Science and Technology.)

137. Applied Calculus for Engineering Technology II. 3 hrs. Prerequisite: MAT 136. Continuation of techniques of differentiation and integration. Areas, volumes, centroids, moments of inertia, and an introduction to first and second order differential equations. (A student who receives credit for MAT 168, 169, or 179 cannot use this course to satisfy any degree requirements in the College of Science and Technology.)

167. Calculus I with Analytic Geometry. 3 hrs. Prerequisite: MAT 103 or 128 or equivalent. A graphical, numerical, and symbolic introduction to functions, derivatives, and integration emphasizing concepts and applications. (CC 1613)

168. Calculus II with Analytic Geometry. 3 hrs. Prerequisite: MAT 167 or 178. Reconstructing a function from its derivative, techniques and applications of integration, different equations, and an introduction to approximation via Taylor series and Fourier series.

169. Calculus III with Analytic Geometry. 4 hrs. Prerequisite: MAT 168. Multivariable functions, vectors, partial and directional derivatives, optimization, techniques and applications of multiple integrals, and parametric curves and surfaces.

178. Differential and Integral Calculus with Analytic Geometry I. 5 hrs. Prerequisite: MAT 103. Functions, limits, derivatives and their applications, definite and indefinite integrals with applications, and selected topics from analytic geometry. (CC 1815)

179. Differential and Integral Calculus with Analytic Geometry II. 5 hrs. Prerequisite: MAT 168 or 178. Transcendental functions, techniques of integration, infinite series, L'Hospital's rule, improper integrals, Taylor's formula, and selected topics from analytic geometry. (CC 1825)

210*. Mathematics for Elementary Teachers I. 3 hrs. Prerequisite: MAT 101. Problem solving, logic, sets, whole numbers, and whole number arithmetic. (Open only to elementary and special education majors.) (CC 1723)

220. Explorations in the Mathematics Classroom. 1 hr. Prerequisite: None. Ten hours of secondary classroom observations together with five hours of seminar under the direction of a mathematics faculty member.

280. Multivariable Calculus. 3 hrs. Prerequisite: MAT 169 or 179. Differential calculus of several variables, directional derivatives, partial derivatives, the chain rule, extrema problems, double and triple integrals and their applications. (CC 2623)

285. Introduction to Differential Equations I. 3 hrs. Corequisite: MAT 280. Linear ordinary differential equations with applications, and Laplace transforms.

305. Mathematical Computing I. 3 hrs. Prerequisite: MAT 280. Introduction to a computer algebra system using calculus-based projects. Students will solve mathematical problems in the MAPLE environment which require an understanding of calculus concepts.

308. Mathematics for Early Childhood Education. 3 hrs. Prerequisite: MAT 210. Problem solving, ordering, comparing, classifying, numberless, money, time, measurement, and geometry. (Open only to elementary and special education majors.)

309. Mathematics for Elementary Teachers II. 3 hrs. Prerequisite: MAT 210. Integers, rational numbers, structure of the real numbers, ratios, percents, proportions, problem solving, statistics and probability. (Open only to elementary and special education majors.)

310*. Mathematics for Elementary Teachers III. 3 hrs. Prerequisite: MAT 210. Basic concepts of 2-dimensional and 3-dimensional geometry, motion geometry, and measurement. (Open only to elementary and special education majors.)

312*. Applied Calculus for Business and Social Sciences. 3 hrs. Prerequisite: MAT 102. Elementary functions, differential and integral calculus with applications. (A student who receives credit for any other calculus course cannot use this course to satisfy any degree requirements in the College of Science and Technology.)

314. Calculus for the Arts and Sciences. 3 hrs. Prerequisite: MAT 103. An introduction to functions, graphs, continuity, differential and integral calculus, with applications to the arts and life sciences. (A student who receives credit for any other calculus course cannot use this course to satisfy any degree requirements in the College of Science and Technology.)

316. Applied Linear Algebra. 3 hrs. Prerequisite: MAT 169 or 179. Matrices, systems of linear equations, eigenvalues and eigenvectors, and matrix calculus.

320. Probability and Mathematical Statistics I. 3 hrs. Prerequisite: MAT 169 or 179, 316 or 326, and 340. Discrete distributions, random variables, independence, moment generating functions, continuous distributions, and multivariate distributions.

326. Linear Algebra I. 3 hrs. Corequisite: MAT 168 or 179. Vector spaces, systems of linear equations, linear transformations, matrices, and inner products.

340. Discrete Mathematics. 3 hrs. Corequisite: MAT 167 or 178. Logic, set theory, and selected topics from algebra, combinatorics, and graph theory. (Should be taken prior to completion of the calculus sequence.)

370. Introductory Geometry. 3 hrs. Prerequisite: MAT 316 or 326, and 340. Introduction to the pedagogy of elementary Euclidean geometry and formulas related to two and three-dimensional space. (Open only to those students preparing to teach mathematics in grades 7-12.)

410. Mathematics for Teachers of Junior High School Mathematics. 3 hrs. The real number system and major subsystems, introduction to algebra, informal geometry, consumer mathematics and introduction to BASIC programming. (Open only to elementary and special education majors.)

415. Introduction to Differential Equations II. 3 hrs. Prerequisite: MAT 285, 316 or 326, and 340. Systems of linear differential equations, operator methods, approximating solutions, Laplace transforms, and power series.

417. Introduction to Partial Differential Equations. 3 hrs. Prerequisite: MAT 285, 316 or 326, and 340. Integrability conditions, quasilinear equations, applications of physics, classification of second order equations and canonical forms, and separation of variables.

418*. Linear Programming. 3 hrs. Prerequisite: MAT 316 or 326, and 340. Convex sets, linear inequalities, extreme-point solutions, simplex procedure, and applications.

419*. Optimization in Mathematical Programming. 3 hrs. Prerequisites: MAT 280 and 418. Selected topics in optimization from linear and nonlinear programming.

420. Probability and Mathematical Statistics II. 3 hrs. Prerequisites: MAT 320. Central limit theorem, estimation, and hypothesis tests.

421. Number Theory. 3 hrs. Prerequisite: MAT 316 or 326, and 340. Induction, well-ordering, division algorithm, Euclidean algorithm, Fundamental Theorem of Arithmetic, number theoretic functions, and congruences.

423. Modern Algebra I. 3 hrs. Prerequisite: MAT 316 or 326, and 340. Elementary notions in groups, Fundamental Theorem of Finitely Generated Groups, permutation groups, quotient groups, isomorphism theorems, and applications of transformation groups.

424. Modern Algebra II. 3 hrs. Prerequisite: MAT 423. Survey of standard algebraic systems; rings, integral domains, fields, modules, polynomial rings, and fields of quotients.

426. Linear Algebra II. 3 hrs. Prerequisite: MAT 326 and 340. Determinants; polynomials; complex numbers; single linear transformations; orthogonal, unitary and symmetric linear transformations.

430. Advanced Engineering Mathematics I. 3 hrs. Prerequisites: MAT 280 and 285. Introduction to Laplace transforms and Fourier series with emphasis on solving ordinary and simple partial differential equations. (Does not count as an upper-level mathematics elective.)

431. Advanced Engineering Mathematics II. 3 hrs. Prerequisite: MAT 430. Vector calculus and an introduction to complex variables with emphasis on integral theorems and integration. (Does not count as an upper-level mathematics elective.)

436. Theory of Functions of a Complex Variable I. 3 hrs. Prerequisite: MAT 280, 316 or 326, and 340. Complex numbers and functions, limits, continuity, differentiation, analytic functions, branches, contour integration, and series.

437. Graph Theory. 3 hrs. Prerequisite: MAT 316 or 326, and 340. An introduction to graphs and a sampling of their numerous and diverse applications.

439. Combinatorics. 3 hrs. Prerequisites: MAT 169 or 179, 316, or 326, and 340. Counting and enumeration techniques, inversion formulas and their applications, and counting schemata relative to permutations of objects.

441. Advanced Calculus I. 3 hrs. Prerequisites: MAT 280, 316 or 326, and 340. Point set theory, sequences, continuity, uniform continuity, limits, mean value theorems, and L'Hospital's rule.

442. Advanced Calculus II. 3 hrs. Prerequisite: MAT 441. Riemann integration, Taylor's theorem, improper integrals, infinite series, and uniform convergence.

457. Methods in Mathematics-Secondary. 3 hrs. Prerequisites; MAT 280, 285, 316 or 326, and 340. A course designed to give the students a knowledge of the objectives, curriculum problems, and organization and methods of teaching secondary school mathematics. (Does not count as an upper-level mathematics elective.)

457L. Methods in Mathematics-Secondary Laboratory. 1 hr. Corequisite: MAT 457. A practicum with a minimum of 15 contact hours in a school setting. (Does not count as an upper-level mathematics elective.)

460*. Numerical Analysis I. 3 hrs. Prerequisites: MAT 280, 316 or 326, and knowledge of a programming language. Methods of solving equations and systems of equations, error analysis, and difference equations.

461*. Numerical Analysis II. 3 hrs. Prerequisites: MAT 285 and 460. Interpolating polynomials, numerical differentiation and integration, numerical solutions of differential equations, and roundoff error.

472. Modern Geometry. 3 hrs. Prerequisites: MAT 280, 316 or 326, and 340. Heuristic and analytic treatment of a branch of modern geometry, such as projective or differential geometry.

475. General Topology. 3 hrs. Prerequisites: MAT 169 or 179, 316 or 326, and 340. General topological spaces, bases and subbases, and continuity.

481. History of Mathematics. 3 hrs. Prerequisites: MAT 167 or 178. The history of mathematics from antiquity through the 17th century. Also offered as HUM 481. (Does not count as an upper-level mathematics elective.)

485. Mathematical Modeling. 3 hrs. Prerequisites: MAT 280, 285, 316 or 326, and a programming language. An introduction to mathematical modeling using case studies. Projects and presentations are required.

+489. Student Teaching in Mathematics I. 7 hrs. Prerequisite: Approval of the Director of Student Teaching. Corequisite: MAT 490.

+490.Student Teaching in Mathematics II. 7 hrs. Prerequisite: Approval of the Director of Student Teaching. Corequisite: MAT 489.

492. Special Problems I, II. 1-3 hrs. Prerequisite: Approval of department chair. Students undertaking a Senior Honors Project will enroll in MAT H492.

494. Undergraduate Mathematics Seminars I, II. 1 hr. Prerequisite: Consent of instructor. Topics of current interest.

**Students will use University computers and appropriate software as a part of course requirements.*

MECHANICAL ENGINEERING TECHNOLOGY (MET)

321. Tools and Fixture Design. 3 hrs. Prerequisite: IET 300. Corequisite: MET 321L. Design and fabrication of production molds, tools, jigs, gages, etc., with emphasis in parametric modeling.

321L. Mechanical Engineering Technology Laboratory. 0 hr. Corequisite: MET 321.

322. Applied Dynamics. 3 hrs. Prerequisite: ENT 260. Fundamentals of dynamics; kinetics, periodic motion, and energy methods.

323. Fluid Mechanics and Hydraulics. 3 hrs. Prerequisite: ENT 260. Fluid statics and applications of fluid dynamics principles to the analysis and design of fluid systems.

323L. Hydraulics Laboratory. 1 hr.

331. HVAC Design I. 3 hrs. Prerequisite: ENT 330. Corequisite: MAT 137, MET 331L. Basic A/C principles and concepts as applied to large commercial systems.

331L. HVAC Laboratory. 1 hr. Corequisite: MET 331.

341. Internal Combustion Engines. 3 hrs. Prerequisite: ENT 300. Corequisite: MET 341L. Design of spark and compression ignition internal combustion engines.

341L. Internal Combustion Engines Laboratory. 1 hr. Corequisite: MET 341.

362. Machine Design. 3 hrs. Prerequisites: ENT 340 and MET 322L. Design and selection of mechanical elements used in machines. Computer-aided design and manufacturing.

392. Special Problems. 1-3 hrs. Prerequisites: Junior standing and approval of faculty adviser. Individual or group study in an area not covered by available courses.

400. Senior Project. 3 hrs. Prerequisites: Senior standing and approval of faculty adviser. Student required to complete a project in his area of specialization.

401. Senior Project. 3 hrs. Continuation of MET 400.

410. Production Materials. 3 hrs. Prerequisite: CHE 104 or equivalent. Study of properties of materials for cutting, drilling, forming, and heat treating operations.

411. Industrial Testing. 3 hrs. Prerequisite: ENT 340. Corequisite: MET 411L. Destructive and nondestructive testing of materials and structures.

411L. Mechanical Engineering Technology Laboratory. 0 hr. Corequisite: MET 411.

420. Robotics. 2 hrs. Prerequisites: MET 322 and ENT 470 or permission of instructor. Corequisite: MET 420L. Fundamentals of hydraulic, pneumatic, and electrically- controlled industrial robots. Robot geometry, installation and applications in industrial processes.

420L. Robotics Laboratory. 1 hr. Corequisite: MET 420.

492. Special Problems. 1-3 hrs. Prerequisites: Senior standing and approval of faculty adviser. Supervised study in area not covered by available courses.

MEDICAL TECHNOLOGY (MTC)

101. Introduction to Medical Technology. 1 hr. An introduction for incoming students to the scope, objectives, and requirements for a career in medical technology.

102. Introduction to Allied Health Professions. 1 hr. Introduction to careers in allied health professions including roles, work responsibilities, interaction with patients, educational requirements, salary potential, and employment trends.

103. The Internet and Medicine. 1 hr. Evaluation of internet sources and proper utilization of sources will be explored.

201. Medical Terminology. 2 hr. A study of terms used in health related professions.

202. Safety for Health Care Settings. 1 hr. Acquaints student with principles, procedures, and regulations for six major categories of safety related to laboratories.

203. Clinical Laboratory Calculations. 2 hrs. Prerequisite: MAT 101 (grade C or higher). Acquaints student with calculations and applications for laboratories.

302. Clinical Bacteriology I. 3 hrs. Prerequisites: MTC 300, 300L, BSC 110, 110L, BSC 380, 380L or permission of instructor. Corequisite: MTC 302L. MTC 315 recommended. Evaluation of clinical specimens with regard to pathogenic microorganisms. See admission to junior level MTC courses.

302L. Clinical Bacteriology I Laboratory. 2 hrs. Prerequisite: MTC 300, 300L, BSC 380, 380L or permission of instructor. Corequisite: MTC 302.

306. Fundamentals of Hematology. 3 hrs. Prerequisite: MTC 300, 300L, BSC 110, 110L, or permission of instructor. Corequisite: MTC 306L. An introduction to the study of blood and blood forming organs. See admission to junior level MTC courses.

306L. Fundamentals of Hematology Laboratory. 2 hrs. Prerequisite: MTC 300, 300L. Corequisite: MTC 306.

309. Clinical Chemistry I. 3 hrs. Prerequisite: MTC 300, 300L, CHE 420, 420, BSC 110, 110L, or permission of instructor. Corequisite: MTC 309L. An introduction to the basic principles and methodology of clinical chemistry. See admission to junior level MTC courses.

309L. Clinical Chemistry I Laboratory. 2 hrs. Prerequisite: MTC 300, 300L, CHE 420, 420L, or permission of instructor. Corequisite: MTC 309.

315. Introduction to Clinical Immunology. 3 hrs. Pre- or corequisite: BSC 110/110L, MTC 202 and 203, or permission of instructor. Function of the immune system and its relationship to diagnostic methods.

401. Body Fluids. 1 hr. Prerequisite: Admission to the Senior Practicum. Corequisite: MTC 401L. Analysis of the physical, chemical, and microscopic parameters of urine and other body fluids.

401L. Body Fluids Laboratory. 1 hr. Prerequisite: Admission to the Senior Practicum. Corequisite: MTC 401.

402. Clinical Bacteriology II. 3 hrs. Prerequisite: Admission to the Senior Practicum. Corequisite: MTC 402L. Laboratory methods of isolation, identification, and other testing of pathogenic bacteria and their etiologic role in disease.

402L. Clinical Bacteriology II Laboratory. 2 hrs. Prerequisite: Admission to the Senior Practicum. Corequisite: MTC 402.

403. Clinical Mycology. 1 hr. Prerequisite: Admission to the Senior Practicum. Corequisite: MTC 403L. The study of pathogenic fungi. Emphasis is placed on laboratory methods of isolation and identification of medically important fungi.

403L. Clinical Mycology Laboratory. 1 hr. Prerequisite: Admission to the Senior Practicum. Corequisite: MTC 403.

405. Clinical Parasitology. 1 hr. Prerequisite: Admission to the Senior Practicum. Corequisite: MTC 405L. The study of medically significant protozoan and helminthic parasites and their vectors. Emphasis is placed on laboratory methods of detection and identification of these organisms.

405L. Clinical Parasitology Laboratory. 1 hr. Prerequisite: Admission to the Senior Practicum. Corequisite: MTC 405.

406. Hematology I. 3 hrs. Prerequisite: Admission to the Senior Practicum. Corequisite: MTC 406L. The study of blood cells and their abnormalities with emphasis on procedures of laboratory examination.

406L. Hematology I Laboratory. 2 hrs. Prerequisite: Admission to the Senior Practicum. Corequisite: MTC 406.

407. Clinical Immunodiagnostics I. 2 hrs. Prerequisite: Admission to the Senior Practicum. Corequisite: MTC 407L. An introduction to immunodiagnostic testing, theory, and practical experience involving antigen-antibody reactions in relation to disease in humans.

407L. Clinical Immunodiagnostics I Laboratory. 1 hr. Prerequisite: Admission to the Senior Practicum. Corequisite: MTC 407.

408. Clinical Immunohematology. 3 hrs. Prerequisite: Admission to the Senior Practicum. Corequisite: MTC 408L. The theory and techniques of donor selection, processing blood for transfusion, and resolving incompatibilities.

408L. Clinical Immunohematology Laboratory. 2 hrs. Prerequisite: Admission to the Senior Practicum. Corequisite: MTC 408.

409. Clinical Chemistry II. 3 hrs. Prerequisite: Admission to the Senior Practicum. Corequisite: MTC 409L. The qualitative and quantitative chemical analysis of blood, urine, cerebrospinal fluid, and other body fluids.

409L. Clinical Chemistry II Laboratory. 2 hrs. Prerequisite: Admission to the Senior Practicum. Corequisite: MTC 409.

410. Special Chemistry. 1 hr. Prerequisite: Admission to the Senior Practicum. Corequisite: MTC 410L. Introduction to therapeutic drug monitoring and clinical toxicology with special emphasis on pathophysiology and analyte measurement.

410L. Special Chemistry Laboratory. 1 hr. Prerequisite: Admission to the Senior Practicum. Corequisite: MTC 410.

411. Coagulation. 1 hr. Prerequisite: Admission to the Senior Practicum. Corequisite: MTC 411L. The study of hemostasis in the human and its application to clinical laboratory testing, normal and abnormal.

411L. Coagulation Laboratory. 1 hr. Prerequisite: Admission to the Senior Practicum. Corequisite: MTC 411.

412. Principles of Clinical Administration and Education. 1 hr. Prerequisite: Admission to the Senior Practicum. Introduction of basic principles of clinical laboratory administration and education.

451. Urinalysis. 1 hr. Prerequisite: Admission to the Senior Practicum. Clinical education at one of the affiliated hospital laboratories.

452. Clinical Microbiology. 4 hrs. Prerequisite: Admission to the Senior Practicum. Clinical education at one of the affiliated hospital laboratories.

456. Hematology II. 3 hrs. Prerequisite: Admission to the Senior Practicum. Clinical education at one of the affiliated hospital laboratories.

457. Clinical Immunodiagnostics II. 1 hr. Prerequisite: Admission to the Senior Practicum. Clinical education at one of the affiliated hospital laboratories.

458. Blood Bank. 3 hrs. Prerequisite: Admission to the Senior Practicum. Clinical education at one of the affiliated hospital laboratories.

459. Clinical Chemistry III. 4 hrs. Prerequisite: Admission to the Senior Practicum. Clinical education at one of the affiliated hospital laboratories.

461. Oncology. 3 hrs. Prerequisite: Biochemistry or Molecular Biology or permission of instructor. An introduction to the biological and clinical aspects of cancer.

492. Special Problems in Medical Technology I, II, III, IV. 1-8 hrs. Assignments of a specific clinical problem in medical technology under faculty direction. (Students undertaking a Seniors Honor Project will enroll in MTC H492.)

MILITARY SCIENCE (MS)

Basic Military Science

(GS 101, University Success Skills, is taught by the Department of Military Science as well as many other departments. All sections are counted for credit toward freshman-level Military Science. Military-taught students may participate in adventure training exercises.)

100L. Leadership Laboratory. 1 hr. Supplemental to MS 111 and MS 114. A hands-on application of concepts taught in MS 111 and MS 114 with emphasis on Adventure Training and outdoor activities, such as rappelling, canoeing, and paintball.

111. Eagle Challenge. 2 hrs. An introduction to leadership and the Armed Forces. Course topics include small group leadership, first aid, canoeing, marksmanship, and Adventure training such as rapelling and paintball. Leadership practicum included in course instruction.

114. General Military Science I. 2 hrs. Basic leadership and training techniques. Students gain an exposure to military skills and traditions. Study areas include adventure training, map reading, military customs, and leadership concepts. Leadership practicum included in course instruction.

120. Military Fitness Principles. 1 hr. Supplemental to MS 111, 114, 211, and 214. An applied program of military fitness, to include personal and small unit fitness training techniques. Open only to enrolled Basic Course ROTC cadets.

200L. Leadership Laboratory. 1 hr. Supplemental to MS 211 and 214. A hands-on application of concepts taught in MS 211 and 214 with emphasis on Adventure Training and outdoor activities, such as rappelling, canoeing, and paintball.

211. Dynamics of Leadership. 2 hrs. Familiarizes the student with basic leadership and technical military skills. These skills include leadership, map reading, first aid, and communicative skills. Leadership practicum included in course instruction.

214. Leadership in Action. 2 hrs. An introduction to leadership action skills with emphasis on beliefs, values, ethics, counseling techniques and group interaction skills. Leadership practicum included in course instruction.

250. ROTC Basic Camp. 1-6 hrs. Six weeks of training at Fort Knox, Kentucky, conducted during the summer months for students who did not complete advanced course prerequisites during the freshman or sophomore academic years.

Advanced Military Science

301. Individual and Small Unit Tactical Training. 4 hrs. Prerequisites: Approval by Professor of Military Science. A study of the fundamentals of offensive and defensive tactics as pertains to the individual, squad, and platoon. Includes a leadership laboratory.

302. Applications in Small Unit Tactical Training. 4 hrs. Prerequisite: Approval by Professor of Military Science. A study and practical application in squad and platoon tactics and leadership. Includes a leadership laboratory.

350. American Military Experience. 3 hrs. A historical course of study on officership as a profession, the Army's role, traditional civil-military issues; policy, organizations, and key social, economic and political influencers.

401. Leadership and Management I. 4 hrs. Prerequisites: Approval by Professor of Military Science. A study and application of leadership and management as pertains to planning, conducting, and evaluating training, preparing and staffing actions, and the supervision and inspection of tactical operations. Includes a leadership laboratory.

402. Leadership and Management II. 4 hrs. Prerequisites: Approval by the Professor of Military Science. Expands leadership skills, teaches briefing techniques, introduces Army logistics, post and installation support, review of world threats and prepares the students for their new role as an officer. Includes a leadership laboratory.

492. Special Projects. 1-3 hrs.

MUSIC (MUS)

Many School of Music courses are offered on a rotation basis. Consult the "School of Music Rotation Guide" available in the Fine Arts Building, second floor, or call 601-266-5363 to request a copy.

100. Music Fundamentals. 1 hr. An intensive study of the basic elements of music: notation (pitch, rhythm, key signatures) and major scales (spelling, singing, playing on the piano).

101. Music Theory. 2 hrs. Prerequisite: MUS 100 or approval of instructor. Scales, intervals, and part-writing using triads, the dominant seventh chord, non-harmonic tones, modulation, dictation, and sight- singing. Concurrent registration in MUS 103 required. (CC 1214)

102. Music Theory. 3 hrs. Prerequisite: MUS 101. A continuation of MUS 101. Concurrent registration in MUS 104 required. (CC 1224)

103. Developing Aural Skills I. 2 hrs. Sight-singing, ear-training, dictation. Concurrent registration in MUS 101 required.

104. Developing Aural Skills II. 2 hrs. Prerequisite: MUS 101, 103. A continuation of MUS 103. Concurrent registration in MUS 102 required.

105. Introduction to Careers in Music and the Music Industry. 2 hrs. Prerequisite: Permission of instructor. An introductory course to familiarize students with the many varied career opportunities within the music industry.

106. Music Industry Seminar. 1 hr. Prerequisite: Permission of instructor. A weekly seminar to keep students abreast of trends and current state of ever-changing business and music industry world.

201. Advanced Music Theory. 3 hrs. Prerequisite: MUS 102. Part-writing, including secondary seventh chords, borrowed chords, altered chords, foreign modulation, dictation, and sight- singing. Concurrent registration in MUS 203 required. (CC 2214)

202. Advanced Music Theory. 3 hrs. Prerequisite: MUS 201. A continuation of MUS 201. Concurrent registration in MUS 204 required. (CC 2224)

203. Advanced Aural Skills I. 2 hrs. Prerequisite: MUS 102, 104. Sight-singing, melodic and harmonic dictation, ear-training. Concurrent registration in MUS 201 required.

204. Advanced Aural Skills II. 2 hrs. Prerequisite: MUS 201, 203. A continuation of MUS 203. Concurrent registration in MUS 202 required.

231. History of Music. 3 hrs. Prerequisites: MUS 131 and MUS 102. Music in Western civilization traced from its primitive sources to the present. (CC 2313)

232. History of Music. 3 hrs. Prerequisites: MUS 231 and MUS 102. A continuation of MUS 231. (CC 2323)

301. Twentieth-Century Harmony. 2 hrs. Prerequisites: MUS 202 and MUS 302. Investigation of the various styles and harmonic elements of 20th- Century music, coupled with practical applications.

302. Form and Analysis. 2 hrs. Prerequisite: MUS 202. Music of various periods is analyzed formally, harmonically, and contrapuntally.

303. Survey of Music Industry I. 3 hrs. Prerequisite: MUS 103, 105, or permission of instructor. An in-depth study of the music industry to include: the music store, musical instruments, music reproducing instruments, performance, and U.S. copyright laws.

304. Survey of the Music Industry II. 3 hrs. Prerequisite: MUS 303 or permission of instructor. Continuation of in-depth study of music industry to include: books and magazines dealing with music, publishing, recorded music, teaching of music, non- commercial music, and musical promotion.

305. Graded Church Choirs I. 3 hrs. Materials and methods for organizing, promoting, training, and maintaining pre-school age and elementary school age choirs.

306. Graded Church Choirs II. 3 hrs. Organizing, developing, maintaining, and training volunteer youth and adult choirs (including senior citizens) in relationship to the total church program.

321. Counterpoint. 2 hrs. Prerequisite: MUS 202 or permission of instructor. Two, three, and four-voice writing in the style of Palestrina.

322. Counterpoint. 2 hrs. Prerequisite: MUS 202 or permission of instructor. Two, three, and four-voice contrapuntal writing in the style of Bach.

332. American Music. 3 hrs. A study of music in the United States. For non-music majors; the ability to read music notation is not required. May not be applied as credit for a Music or Music Education degree.

351. History of Church Music. 3 hrs. History of Christian Church music, with emphasis on the use of literature.

360. Stylistic Developments in Jazz. 3 hrs. Study of the development of jazz idioms. Includes elements of jazz history leading to study of more complex idioms.

+361. Basic Music Skills. 3 hrs. An introduction to the fundamentals of music for the non-music major through a comprehensive approach using singing, playing instruments, creative movement and listening.

365. The Enjoyment of Music. 3 hrs. Study of the basic elements of music necessary for intelligent listening and appreciation. This course may not be applied toward a Bachelor of Music or Bachelor of Music Education degree, or a music minor.

366. American Popular Music. 3 hrs. A musical, socio- political study of popular music in America and its impact on U.S. Culture.

367. Improvisation. 1 hr. Study and performance of jazz improvisation.

368. Improvisation. 1 hr. A continuation of MUS 367.

375. Beginning Techniques of Scoring for Jazz Ensembles. 2 hrs. Study in composing and arranging music for jazz ensembles.

376. Intermediate Techniques of Scoring for Jazz Ensembles. 2 hrs. A continuation of MUS 375.

401. Instrumentation. 2 hrs. Prerequisite: MUS 202. Study of the instruments of the band and orchestra. Scoring for instrumental ensembles.

405. Music Industry Seminar. 1 hr. (to be taken twice). Prerequisite: MUS 105, 205, or permission of instructor. A continuation of MUS 205.

406. Music Industry Internship. 9 hrs. Prerequisite: MUS 103, 304, 405, or permission of instructor. A nine-week supervised internship in a professional setting in the music industry.

423. The Organ in Worship. 1 hr. A study of elementary principles of construction and design, and of effective use in church service, including appropriate organ literature.

431. History of Opera. 3 hrs. The history of the musical theatre from Greek drama to the present. Open to non-music majors with consent of instructor.

432. Music in the U.S. 3 hrs. Study of the development of music in North America. Open to non-music majors with consent of instructor.

433. 20th-Century Music. 3 hrs. Examination of musical trends since Debussy and Mahler. Open to non-music majors with consent of instructor.

434. Ancient, Medieval, and Renaissance Music. 3 hrs. A study of music in the ancient world, and of Western music from early Christian times through the sixteenth century. Open to non-majors with consent of instructor.

435. Baroque Music. 3 hrs. The development of musical styles and forms from Monteverdi through J.S. Bach. Open to non-music majors with the consent of instructor.

436. 18th-Century Music. 3 hrs. The development of classical styles and forms, emphasis on style gallant, Empfindsamer Stil, and the Viennese classicists. Open to non-music majors with consent of instructor.

437. 19th-Century Music. 3 hrs. The development of musical romanticism, emphasis on the expression of classical forms and the appearance of new stylistic concepts. Open to non-music majors with consent of instructor.

439. Diction. 3 hrs. Introduction to phonetics of various foreign languages for singing. May be repeated once. Second registration permitted only when languages emphasized are different.

440. Vocal Literature. 2 hrs. Survey of solo vocal literature from the Renaissance to the present. Emphasis upon style, interpretation, and presentation of solo materials for all voice classifications.

441. Vocal Literature. 2 hrs. A continuation of MUS 440.

442. Keyboard History and Literature I. 3 hrs. The history and literature of keyboard music from pre-Baroque times to the present.

444. Organ Literature. 3 hrs. Required of all organ majors.

446. Instrumental Literature. 2 hrs. Required of all senior instrumental majors.

448. Choral Literature I. 3 hrs. A survey of choral literature. Study will include materials suitable for school and church choirs as well as standard masterworks.

449. Choral Literature II. 3 hrs. Selected topics in Choral Literature, post-Baroque.

450. Symphonic Literature. 3 hrs. History and literature of the symphony orchestra from 1600 to the present. Open to non-music majors with consent of instructor.

451. Chamber Music Literature. 3 hrs. A survey of music for small instrumental ensembles. Open to non-music majors with consent of instructor.

453. Church Music Literature and Materials. 3 hrs. Church music repertoire for all choirs and handbells. Supplementary materials such as teaching aids will also be included.

456. Choral Arranging. 2 hrs. Basic concepts and techniques of scoring for voices, with emphasis on arranging rather than on original compositions for chorus.

460. Administration of Church Music. 3 hrs. Administrative procedures for the total music program of the church, including basic philosophy, planning, budgeting, promotion, training music leaders, and developing program goals.

462. Hymnology. 3 hrs. History of the Christian hymn from its roots to present-day form.

467. Improvisation. 1 hr. A continuation of MUS 368.

468. Improvisation. 1 hr. A continuation of MUS 467.

470. Organization and Management of Jazz Ensembles. 3 hrs. Studies in general management of commercial and academically- oriented jazz groups.

471. Seminar in Masterpieces of Music. 3 hrs. Prerequisite: MUS 232 or consent of instructor. A thorough exploration of major compositions. May be taken two times. May be taken by non-music majors.

475. Advanced Techniques of Scoring for Jazz Ensembles. 2 hrs. A continuation of MUS 376.

476. Advanced Techniques of Scoring for Jazz Ensembles. 2 hrs. A continuation of MUS 475.

492. Special Problems. 1-3 hrs. Prerequisite: Permission of department chair.

499. British Studies in Music. 3-6 hrs. Prerequisite: MUS 202 and MUS 232, and/or approval of instructor. A contemporary view of opera, orchestral, instrumental/chamber, and popular music examining Britain's historical musical heritage in terms of its impact on current artistic trends.

MUSIC EDUCATION (MED)

Many School of Music courses are offered on a rotation basis. Consult the "School of Music Rotation Guide" available in the Fine Arts Building, second floor, or call 601-266-5363 to request a copy.

100. Introductory Class Piano. 2 hrs. Beginning class instruction in piano for non-music majors. Credit may not be applied toward a degree in Music or Music Education.

101. Class Piano I. 1 hr. Prerequisite: Freshman theory courses. Beginning class instruction in piano for music majors. Non-majors may be admitted with permission of instructor.

102. Class Piano II. 1 hr. Prerequisite: MED 101 or permission of instructor. Intermediate class instruction in piano.

130. Reedmaking I: Oboe and Bassoon. 1 hr. Development of basic skills required to produce double reeds: forming, scraping, repairing.

201. Class Piano III. 1 hr. Prerequisite: MED 102 or permission of instructor. Advanced class instruction in piano.

202. Class Piano IV. 1 hr. Prerequisite: MED 201 or permission of instructor. Advanced class instruction in piano; prepares music educators to pass a piano competency test.

219. Guitar Class I. 1 hr. Class instruction in guitar for beginners.

220. Guitar Class II. 1 hr. Prerequisite: MED 219 or approval of instructor. Intermediate class instruction in guitar.

221. String Class. 1 hr. Practical class instruction on all strings. Problems of beginning students; material for public school classes.

222. String Class. 1 hr. A continuation of MED 221.

300. Music Education Practicum. 2 hrs. An introduction to Music Education as a profession.

301. Voice Class. 2 hrs. Designed to give the instrumental major a general knowledge of vocal and choral techniques.

+311. Elementary Music Methods. 3 hrs. Prerequisite: MED 102, Group Piano II. Music education programs for the elementary student. Emphasis is placed on the total curriculum.

+312. Secondary Music Methods. 3 hrs. Prerequisite: MED 311. Consideration of the secondary music program. Special attention is given to the development of a balanced curriculum.

330. Reedmaking II: Oboe and Bassoon. 1 hr. Developing advanced techniques in making and finishing double reeds; fashioning and adapting alternate reed designs will be covered.

331. Choral Conducting I. 1 hr. Prerequisite: MUS 202 or consent of instructor. Techniques of choral conducting.

332. Instrumental Conducting. 3 hrs. Techniques used in conducting instrumental ensembles.

333. Choral Conducting II. 2 hrs. A continuation of MED 331. Techniques used in conducting choral ensembles.

400. Marching Band Fundamentals. 1 hr. Techniques for teaching marching band: music selection, rehearsal organization, and charting.

401. Marching Band Methods. 3 hrs. Techniques for developing marching band programs. Emphasis on music selection, rehearsal organization, and drill charting techniques. Provides tools for administering and directing marching band programs.

402. Advanced Computer-assisted Marching Band Drill Design. 3 hrs. Introduction to writing marching band design. Provides charting-proficient student with skills in developing form and flow. Includes computer lab time.

410. Teaching and Learning Music. 2 hrs. Prerequisites: MED 312. Basic sequence of Education Core and COMP test. Principles, goals, objectives and evaluation of music teaching. Must be taken concurrently with MED 493 and MED 494.

411. Choral Methods and Curriculum Problems. 3 hrs. Organization and administration of choral activities in secondary schools.

412. Instrumental Methods and Curriculum I. 3 hrs. Techniques of developing successful concert bands and orchestras. Emphasis on woodwinds and brass.

413. Instrumental Methods and Curriculum II. 3 hrs. Prerequisite: MED 412. Continuation of MED 412.

427. Percussion Class. 1 hr. Review of percussion texts, techniques, and pedagogy. Percussion majors may substitute a brass, string, or woodwind minor instrument for MED 427.

428. Percussion Class. 1 hr. A continuation of MED 427.

429. Piano Tuning and Repair. 3 hrs. Prerequisite: Approval of instructor. Study of basic technique of tuning and repairing pianos.

438. Band Literature. 2 hrs. A study of masterworks for band.

440. Music Education in the Elementary Schools. 3 hrs. Prerequisites: MED 311, 312. An in-depth course which examines current techniques and methods of music programs in upper and lower elementary grades.

450. Vocal Pedagogy. 2 hrs. Techniques, practices, and materials used in teaching voice; practical experience in teaching voice.

451. Vocal Pedagogy. 2 hrs. Prerequisite: MED 450. A continuation of MED 450.

452. Piano Pedagogy. 2 hrs. Modern methods of teaching; lectures, observation of private and class lessons; teaching piano to adults. Required of all senior piano majors.

453. Piano Pedagogy. 2 hrs. A continuation of MED 452.

454. Organ Pedagogy. 2 hrs. Required of all senior organ majors.

455. Organ Pedagogy. 2 hrs. A continuation of MED 454.

456. String Pedagogy. 2 hrs. Required of all senior string majors.

458. Wind/Percussion Pedagogy. 2 hrs. Required of all senior wind/percussion majors.

490. Piano Workshop. 2 hrs. A continuation of MED 390. Credit for this course may not be applied toward degrees in Music and Music Education.

491. Instrumental Workshop. 2 hrs. A continuation of MED 391. Credit for this course may not be applied toward degrees in Music and Music Education.

492. Choral Workshop. 1-3 hrs. A continuation of MED 392. Credit for this course may not be applied toward degrees in Music and Music Education.

+ 493. Student Teaching in Music Education I. 7 hrs. Prerequisite: Must have passed Piano Competency Examination, a test that measures whether the student has met the expectations of MED 202, Class Piano IV and be cleared to student teach per USM requirements. Concurrent registration in MED 410 and MED 494 required.

494. Student Teaching in Music Education II. 7 hrs. Continuation of MED 493. Concurrent registration in MED 410 and MED 494 required.

MUSIC PERFORMANCE STUDIES (MUP)

Special MUP (music performance) fees may apply. (Enrollment equivalents: 1 credit hour=1/2 hour lesson each week; 2 credit hours - 45 minute lesson each week; 3 credit hours = 1 hour lesson each week.)

Many School of Music courses are offered on a rotation basis. Consult the "School of Music Rotation Guide" available in the Fine Arts Building, second floor, or call 601-266-5363 to request a copy.

Applied Music--First Year

+101-+102. Piano. 1-3 hrs.

+103. Piano. 1-3 hrs. Piano for non-music majors.

+104-+105. Harpsichord. 1-3 hrs.

+106. Harpsichord. 1-3 hrs. Harpsichord for non-music majors.

+111-+112. Organ. 1-3 hrs.

+113. Organ. 1-3 hrs. Organ for Non-music majors.

+114-+115. Flute. 1-3 hrs.

+116. Flute. 1-3 hrs. Flute for non-music majors.

+117-+118. Oboe. 1-3 hrs.

+119. Oboe. 1-3 hrs. Oboe for non-music majors.

+120-+121. Clarinet. 1-3 hrs.

+122. Clarinet. 1-3 hrs. Clarinet for non-music majors.

+123-+124. Saxophone. 1-3 hrs.

+125. Saxophone. 1-3 hrs. Saxophone for non-music majors.

+126-+127. Bassoon. 1-3 hrs.

+128. Bassoon. 1-3 hrs. Bassoon for non-music majors.

+129-+130. Horn. 1-3 hrs.

+131. Horn. 1-3 hrs. Horn for non-music majors.

+132-+133. Trumpet. 1-3 hrs.

+134. Trumpet. 1-3 hrs. Trumpet for non-music majors.

+135-+136. Trombone. 1-3 hrs.

+137. Trombone. 1-3 hrs. Trombone for non-music majors.

+138-+139. Euphonium. 1-3 hrs.

+140. Euphonium. 1-3 hrs. Euphonium for non-music majors.

+141-+142. Tuba. 1-3 hrs.

+143. Tuba. 1-3 hrs. Tuba for non-music majors.

+144-+145. Violin. 1-3 hrs.

+146. Violin. 1-3 hrs. Violin for non-music majors.

+147-+148. Viola. 1-3 hrs.

+149. Viola. 1-3 hrs. Viola for non-music majors.

+150-+151. Cello. 1-3 hrs.

+152. Cello. 1-3 hrs. Cello for non-music majors.

+153-+154. String Bass. 1-3 hrs.

+155. String Bass. 1-3 hrs. String Bass for non-music majors.

+156-+157. Percussion. 1-3 hrs.

+158. Percussion. 1-3 hrs. Percussion for non-music majors.

+161-+162. Voice. 1-3 hrs. (Accompanist is student's responsibility.)

+163. Voice. 1-3 hrs. Voice for non-music majors. (Accompanist is student's responsibility.)

+164-+165. Harp. 1-3 hrs.

+166. Harp. 1-3 hrs. Harp for non-music majors.

+167-+168. Guitar. 1-3 hrs.

+169. Guitar. 1-3 hrs. Guitar for non-music majors.

+191-+192. Composition. 1-3 hrs.

+193. Composition. 1-3 hrs. Composition for non-music majors.

299. Recital Class. 1 hr. (To be taken freshman and sophomore years.)

Second Year

Special MUP (music performance) fees may apply.

+201-+202. Piano. 1-3 hrs.

+204-+205. Harpsichord. 1-3 hrs.

+211-+212. Organ. 1-3 hrs.

+214-+215. Flute. 1-3 hrs.

+217-+218. Oboe. 1-3 hrs.

+220-+221. Clarinet. 1-3 hrs.

+223-+224. Saxophone. 1-3 hrs.

+226-+227. Bassoon. 1-3 hrs.

+229-+230. Horn. 1-3 hrs.

+232-+233. Trumpet. 1-3 hrs.

+235-+236. Trombone. 1-3 hrs.

+238-+239. Euphonium. 1-3 hrs.

+241-+242. Tuba. 1-3 hrs.

+244-+245. Violin. 1-3 hrs.

+247-+248. Viola. 1-3 hrs.

+250-+251. Cello. 1-3 hrs.

+253-+254. String Bass. 1-3 hrs.

+256-+257. Percussion. 1-3 hrs.

+261-+262. Voice. 1-3 hrs. (Accompanist is student's responsibility.)

+264-+265. Harp. 1-3 hrs.

+267-+268. Guitar. 1-3 hrs.

+291-+292. Composition. 1-3 hrs.

299. Recital Class. 1 hr. (To be taken freshman and sophomore years.)

Third Year

Special MUP (music performance) fees may apply.

+301-+302. Piano. 1-3 hrs.

+303. Piano. 1-3 hrs. Piano for non-music majors.

+304-+305. Harpsichord. 1-3 hrs.

+306. Harpsichord. 1-3 hrs. Harpsichord for non-music majors.

+311-+312. Organ. 1-3 hrs.

+313. Organ. 1-3 hrs. Organ for non-music majors.

+314-+315. Flute. 1-3 hrs.

+316. Flute. 1-3 hrs. Flute for non-music majors.

+317-+318. Oboe. 1-3 hrs.

+319. Oboe. 1-3 hrs. Oboe for non-music majors.

+320-+321. Clarinet. 1-3 hrs.

+322. Clarinet. 1-3 hrs. Clarinet for non-music majors.

+323-+324. Saxophone. 1-3 hrs.

+325. Saxophone. 1-3 hrs. Saxophone for non-music majors.

+326-+327. Bassoon. 1-3 hrs.

+328. Bassoon. 1-3 hrs. Bassoon for non-music majors.

+329-+330. Horn. 1-3 hrs.

+331. Horn. 1-3 hrs. Horn for non-music majors.

+332-+333. Trumpet. 1-3 hrs.

+334. Trumpet. 1-3 hrs. Trumpet for non-music majors.

+335-+336. Trombone. 1-3 hrs.

+337. Trombone. 1-3 hrs. Trombone for non-music majors.

+338-+339. Euphonium. 1-3 hrs.

+340. Euphonium. 1-3 hrs. Euphonium for non-music majors.

341-342. Tuba. 1-3 hrs.

+343. Tuba. 1-3 hrs. Tuba for non-music majors.

+344-+345. Violin. 1-3 hrs.

+346. Violin. 1-3 hrs. Violin for non-music majors.

+347-+348. Viola. 1-3 hrs.

+349. Viola. 1-3 hrs. Viola for non-music majors.

+350-+351. Cello. 1-3 hrs.

+352. Cello. 1-3 hrs. Cello for non-music majors.

+353-+354. String Bass. 1-3 hrs.

+355. String Bass. 1-3 hrs. String Bass for non-music majors.

+356-+357. Percussion. 1-3 hrs.

+358. Percussion. 1-3 hrs. Percussion for non-music majors.

+361-+362. Voice. 1-3 hrs. (Accompanist is student's responsibility.)

+363. Voice. 1-3 hrs. Voice for non-music majors. (Accompanist is student's responsibility.)

364-365. Harp. 1-3 hrs.

+366. Harp. 1-3 hrs. Harp for non-music majors.

+367-+368. Guitar. 1-3 hrs.

+369. Guitar. 1-3 hrs. Guitar for non-music majors.

370. Recital. 0-1 hr. Junior recital. (1/2 hour performance open to the public.)

375-376. Accompanying. 1 hr.

+391-+392. Composition. 1-3 hrs.

+393. Composition. 1-3 hrs. Composition for non-music majors.

499. Recital Class. 1 hr. (To be taken junior and senior years.)

Fourth Year

Special MUP (music performance) fees may apply.

395. Music Education Recital. 0 hrs. Where required, B.M.E., B.A., and B.M. students must present a half-recital (i.e., thirty minutes), open to the public, that is graded "Satisfactory" by the appropriate faculty area.

+401-+402. Piano. 1-3 hrs.

+404-+405. Harpsichord. 1-3 hrs.

+411-+412. Organ. 1-3 hrs.

+414-+415. Flute. 1-3 hrs.

+417-+418. Oboe. 1-3 hrs.

+420-+421. Clarinet. 1-3 hrs.

+423-+424. Saxophone. 1-3 hrs.

+426-+427. Bassoon. 1-3 hrs.

+429-+430. Horn. 1-3 hrs.

+432-+433. Trumpet. 1-3 hrs.

+435-+436. Trombone. 1-3 hrs.

+438-+439. Euphonium. 1-3 hrs.

+441-+442. Tuba. 1-3 hrs.

+444-+445. Violin. 1-3 hrs.

+447-+448. Viola. 1-3 hrs.

+450-+451. Cello. 1-3 hrs.

+453-+454. String Bass. 1-3 hrs.

+456-+457. Percussion. 1-3 hrs.

+461-+462. Voice. 1-3 hrs. (Accompanist is student's responsibility.)

+464-+465. Harp. 1-3 hrs.

+467-+468. Guitar. 1-3 hrs.

470. Recital. 1-2 hrs. Senior recital. (1 hour performance open to the public.)

475-476. Accompanying. 1 hr.

+491-+492. Composition. 1-3 hrs.

494. Major Solo Role in an Opera. 1 hr. Permission of instructor and major applied teacher. Simultaneous enrollment in Opera Theatre is required.

499. Recital Class. 1 hr. (To be taken junior and senior years.)

Ensembles

282. Band. 1 hr. (May be taken four times freshman and sophomore years.) (CC 1111, 1121, 2111, 2121)

283. Southern Chorale. 1 hr. (May be taken four times freshman and sophomore years.) (CC 1211, 1221, 2211, 2221)

471. Chamber Music. 1 hr. (May be repeated)

472. Chamber Music: Southern Chamber Winds. 1 hr. (May be repeated).

478. Carillon. 1 hr. Multiple handbell ensemble. Audition required. (May be repeated).

479. Covenant. 1 hr. Vocal ensemble, the repertoire of which is American sacred music. Audition required. (May be repeated).

480. Jazz Combo. 1 hr. (May be repeated)

481. Orchestra. 1 hr. (May be repeated)

482. Band. 1 hr. (May be repeated junior and senior years.)

483. Southern Chorale. 1 hr. (May be repeated junior and senior years.)

484. Jazz Lab Band. 1 hr. (May be repeated)

485. Collegium Musicum. 1 hr. (May be repeated)

486. Oratorio Chorus. 1 hr. (May be repeated)

488. University Singers. 1 hr. (May be repeated)

489. Chamber Singers. 1 hr. An ensemble functioning in various ways such as madrigal singers, jazz choir, opera chorus. (May be repeated)

490. Opera Theatre. 1 hr. (May be repeated)

NURSING (NSG)

NOTE: Students must be advised by a nursing faculty adviser for progression through the nursing program.

307. Commonalities in Nursing Practice. 4 hrs. Prerequisites: Permission of instructor. Understanding of common factors permeating all areas of nursing practice. (R.N.'s only)

312. Introduction to the Role of the Professional Nurse. 3 hrs. Prerequisite: Admission to upper division nursing major. This course serves as an introduction to nursing as a professional discipline.

322. Nursing Health Assessment. 2 hrs. Two theory contact hours per week. Prerequisite: admission to nursing major or permission of instructor and BSC 250, 250L and BSC 251, 251L. Nursing assessment across the life cycle.

322L. Nursing Health Assessment Laboratory. 1 hr. Three clinical contact hours per week. Corequisite: NSG 322.

323. Introduction to Nursing Practice. 3 hrs. Prerequisite: admission to nursing major. Corequisite: NSG 323L. Concepts and techniques common to the practice of professional nursing across the life cycle.

323L. Introduction to Nursing Practice Laboratory. 4 hrs. Eight clinical contact hours per week. Corequisite: NSG 323.

326. Research. 2 hrs. Prerequisites: NSG 312, PSY 360; R.N. Prerequisites: PSY 360, NSG 403. An exploration of the research process with emphasis on applicability to nursing process. (Must be completed before N412 and N413.)

+327. Nursing Care of Women and Developing Families. 4 hrs. Four theory contact hours per week. Prerequisites: NSG 322, 323, and 350. Co-requisite:NSG 352. Application of the nursing process with women and child bearing families.

327L. Nursing Care of Women and Developing Families Laboratory. 3 hrs. Nine clinical contact hours per week. Corequisite to NSG 327.

328. Adult Health Nursing I. 4 hrs. Four theory contact hours per week. Prerequisite: NSG 322, 323, and 350. Co-requisite:NSG 352.Management of client with altered endocrine, Cardiovascular, respiratory, sensory, pancreatic-hepatobiliary functions and immunologic problems.

328L. Adult Health Nursing I Laboratory. 3 hrs. Nine clinical contact hours per week. Corequisite: NSG 328.

350. Pathophysiology I. 2 hrs. Prerequisites: eligible for admission to nursing major or permission of instructor and BSC 250, 250L and BSC 251, 251L. An analysis of altered body physiology in health deviations.

352. Pathophysiology II. 2 hrs. Prerequisites: eligible for admission to nursing major or permission of instructor and BSC 250, 250L and BSC 251, 251L and NSG 350. A continuation of altered body physiology in health deviations.

+361. Medical-Surgical Nursing. 10 hrs. Permission of instructor. The focus is on the nursing care of clients in a variety of settings and various stages of the wellness-illness continuum. (R.N.'s only)

+362. Psychiatric Nursing. 6 hrs. Permission of instructor. This course reflects the broad spectrum of psychological wellness-illness. (R.N.'s only)

+363. Maternal-Child Nursing. 10 hrs. Permission of instructor. The course is in two parts; nursing care of the childbearing woman and nursing care of children at various stages of health and wellness. (R.N.'s only)

403. Approaches to Nursing. 3 hrs. Prerequisites: Admission to nursing major and successful completion of all non-nursing courses. Personal, philosophical, and theoretical approaches to nursing. (R.N.'s only)

406. Death and Bereavement. 3 hrs. An examination of research and theory related to death and bereavement.

410. Holistic Nursing Practice. 3 hrs. Seminar discussion of holistic practice and interventions, demonstration and/or experiential sessions to facilitate understanding of a holistic perspective in nursing and daily living.

+412. Child Health Nursing. 4 hrs. Four theory contact hours per week. Prerequisites: NSG 326, 327, 328. Application of the nursing process with children and their families.

412L. Child Health Nursing Laboratory. 3 hrs. Nine clinical contact hours per week. Corequisite: NSG 412.

+413. Psychiatric/Mental Health Nursing. 4 hrs. Four theory contact hours per week. Prerequisites: NSG 326, 327, 328. Application of the nursing process with clients experiencing psychiatric/mental health disorders.

413L. Psychiatric/Mental Health Nursing Laboratory. 3 hrs. Nine clinical contact hours per week. Corequisite: NSG 413.

419. The Computer as a Nursing Tool. 3 hrs. Exposure to the computer and examination of nursing applications.

+427. Community Health Nursing. 4 hrs. Four theory contact hours per week. Prerequisites: NSG 412, 413. RN Prerequisite: NSG 403, NSG 322, NSG 322L, 1 year clinical experience as R.N. Application of the nursing process with individuals, families and groups in the community.

427L. Community Health Nursing Laboratory. 3 hrs. Nine clinical contact hours per week. Corequisite: NSG 427.

+428. Adult Health Nursing II. 3 hrs. Three theory contact hours per week. Prerequisites: NSG 412, 413, 429. Application of nursing process to adults with complex and life-threatening health deviations.

428L. Adult Health Nursing II Laboratory. 3 hrs. Nine clinical contact hours per week. Corequisite: NSG 428.

429. Leadership Role of the Professional Nurse. 3 hrs. Prerequisites: NSG 328, NSG 328L; R.N. Corequisites: NSG 403, NSG 469L. Three theory contact hours per week. Exploration of the role of the professional nurse as a leader. (Must be completed prior to NSG 428.)

430L. Role Transition Preceptorship. 4 hrs. Prerequisite: Successful completion of all other nursing courses. Facilitate role transition in the management of groups of patients using the nursing process.

436. Hospice: Concept and Application. 3 hrs. Prerequisite: Senior Level. Explores concept and operationalization with emphasis on legislation, funding, referrals, advocacy.

437. Abusive Behavior: An Exploration. 3 hrs. An interdisciplinary exploration of abusive behavior across the life span.

438. Health Financing. 3 hrs. Prerequisite: Admission to the Nursing Major and NSG 403. Survey of health economics, finance theory, cost control, prospective reimbursement, trends. (RN's required; Generic elective.)

439. Legal-Ethical Issues in Nursing Practice. 3 hrs. Provides basic knowledge of legal and ethical issues confronting nurses.

440. Oncology Nursing. 3 hrs. Major issues relevant to the care of the oncology patient will be examined.

442. Basic EKG Interpretation. 3 hrs. Prerequisite: NSG 350, 352, and 328 or permission of the instructor. Basic principles of electrocardiographic interpretation.

450. Health Care of the Aged. 3 hrs. Implications for Nursing regarding the health problems of the aged.

452. Teaching in Nursing. 3 hrs. Elective. Basic principles of learning and teaching as applied to nursing.

465. Complex Health Care Concepts. 3 hrs. Prerequisite: NSG 322, NSG 322L, NSG 403, 1 year clinical experience as R.N. Corequisite: NSG 465L. A course designed to assist the registered nurse student to gain the knowledge and clinical skills needed to meet the needs of clients and their families facing complex health care problems. (R.N.'s only.)

465L. Complex Health Care Practicum. 2 hrs. Corequisite: NSG 465. Complex health care practicum for registered nurse students. (RN's only.)

469L. Nursing Leadership Practicum. 2 hrs. Prerequisite: Registered nurse. Corequisite: NSG 429. This practicum assists the registered nurse student in transition to the professional nurse role. (RN's only.)

477. Developmental Disabilities in Early Childhood. 3 hrs. Overview of contributing factors to atypical early development, identification and management of at-risk conditions, legal/ethical issues, and legislation/litigation.

478. Specialized Studies in Developmental Disabilities. 1-6 hrs. Specialized study and skill acquisition in the area of developmental disabilities. Topics vary.

489. Caribbean Studies: Health Care Delivery System. 3 hrs. Various topics.

491. Austrian Studies. 3 hrs. Variable topics.

492. Directed Study of Nursing. 1-6 hrs. Permission of instructor required. (Students undertaking a Senior Honors Project will enroll in NSG H492 for 3 hours).

493. Health Care of the Elderly in England. 3 hrs. This course is designed to explore the effects on the family of providing care for the dependent elderly.

494. Health Care in England. 3 hrs. Comparison of health care system in the U.S. and England. Philosophies of health and nursing in a community are explored.

495. Management and Economics of Health Care. 3-6 hrs. Prerequisite: Senior level. U.S. and British health system, financing, administration, and nursing management.

496. Nursing: The British Heritage. 3-6 hrs. The evolvement of modern nursing in England within the context of international, social, economic and political events.

497. Emergency Nursing: A British View. 3 or 6 hrs. Prerequisite: Senior level. Introduction to the British health system and roles assumed by British emergency nurses.

498. Families of the Developmentally Disabled. 3 hrs. Prerequisite: Senior standing or Permission of instructor. Interdisciplinary approach to the study of families of the developmentally disabled.

499. British Studies: Hospice Study and Experience. 3 hrs. Prerequisite: Permission of instructor. Introduction to hospice concept and symptom control in special units, hospitals and homes. British caregivers will present origin and current application of hospice concept.

NUTRITION AND FOOD SYSTEMS (NFS)

167. Nutrition for Living. 1 hr. A study of nutrition concepts relating to health and human wellness. (HPR 1241, 1751)

265. Orientation to Dietetics. 1 hr. Study of dietetics and careers in the profession.

272. Principles of Food Preparation. 2 hrs. Study of theories and techniques of food preparation and their effects on food products.

272L Principles of Food Preparation Laboratory. 1 hr. Corequisite: NFS 272.

320. Nutritional Assessment. 2 hrs. Prerequisites: NFS 367; CHE 420; BSC 250, 251. Corequisite: NFS 320L. Identify techniques of basic assessment of the nutritional status of healthy individuals throughout the life cycle.

320L. Nutritional Assessment Laboratory. 1 hr. Corequisite: NFS 320. Develop skills in assessing and articulating the nutritional status of healthy individuals throughout the life cycle.

330. Communication Techniques in Nutrition. 2 hrs. Prerequisite: NFS 320. Co-requisite: NFS 330L. Evaluation of methods of interviewing and counseling clients in nutrition and food selection.

330L. Communication Techniques in Nutrition Laboratory. 1 hr. Co-requisite: NFS 330. Lab to accompany NFS 330. Students develop appropriate interviewing and counseling techniques in nutrition and food selection.

350. Food Production Management. 3 hrs. Prerequisites: HM 380, MGT 300. Food production and delivery systems, layout design, and food service equipment selection for commercial food production.

362. Nutrition. 3 hrs. Study of the body's need for foods, including the chemistry of digestion, metabolism, and nutritive requirements of the body during the life cycle.

364. Teaching Food and Nutrition in the Elementary Grades. 3 hrs. Course planned to give understanding of materials and methods for teaching nutrition at this level.

367. Nutrition in Health Care. 3 hrs. Prerequisite: CHE 106, CHE 106L. Study of the science of nutrition and its application for health care providers.

385. Medical Nutrition Therapy. 2 hrs. Prerequisites: NFS 272, 272L. Co-requisite: NFS 385L. Medical nutrition therapy in health promotion, disease prevention, and menu planning and modification.

385L. Medical Nutrition Therapy Laboratory I. 1 hr. Corequisite: NFS 385. Practical application of medical nutrition therapy to health promotion, disease prevention, and menu planning and modification.

410. Intermediate Nutrition. 3 hrs. Prerequisites: CHE 420, NFS 362 or 367. The study of specific nutrient effects on human metabolism. Metabolic pathways are explored and the roles of specific nutrients in these pathways are discussed.

430. Experimental Foods. 3 hrs. Prerequisites: NFS 362 or 367 and CHE 251, 251L. Study of selected nutritional, chemical, physical, and sensory properties of foods in relation to preparation procedures. Includes laboratory.

453. Maternal and Child Nutrition. 3 hrs. Prerequisites: NFS 362 or 367; BSC 250, 251. An examination of the role of nutrition in health, growth, and development during pregnancy, lactation, and childhood.

455. Nutrition and Weight Control. 2 hrs. Prerequisite: NFS 362 or 367. A study of the factors that cause weight gain with an explanation of the physiology involved and a critical review of weight reduction plans.

459. Geriatric Nutrition. 1 hr. Prerequisites: BSC 250, 251; NFS 362 or 367. Nutrition in the aging population, including nutrient requirements, nutrition assessment, and nutritional care of the elderly.

463. Community Nutrition. 3 - 6 hrs. Prerequisite: NFS 320, 320L, 330, 330L, 453, 459, or permission of instructor. Study of nutrition assessment methodology and resources available within the community.

464. Clinical Dietetics. 4-15 hrs. Permission of instructor required. Prerequisites: NFS 410 and 461. Study of disease states and dietary management in clinical settings.

465. Seminar. 1 hr. Prerequisite: NFS 362 and CHE 420. Selected topics in nutrition. May be repeated for a total of 3 semester hours.

467L. Practicum in Dietetics. 3-6 hrs. Prerequisites: NFS 464 and NFS 477. Application of dietetics in selected health care settings.

468. Environmental Nutrition. 2 hrs. Prerequisite: NFS 272 or permission of instructor. Food safety principles, the Hazard Analysis Critical Control Point System, microbiology of food safety, and infection control; environmental issues related to the food service industry and the field of dietetics will be discussed.

471. Marketing for the Dietetics Professional. 1 hr. Prerequisite: Senior status. The application of marketing theories to food and nutrition services.

477. Administrative Dietetics. 3-6 hrs. Prerequisite: NFS 350, HM 380, MGT 300; permission of instructor. Study and application of management theory and techniques in the supervision of food service personnel.

485. Medical Nutrition Therapy II. 3 hrs. Prerequisites: NFS 330, 385, 453. Corequisite: NFS 485L. Biochemical and physiological bases for dietary treatment of obesity and diseases of the gastrointestinal tract and liver.

485L. Medical Nutrition Therapy II Laboratory. 1 hr. Corequisite: NFS 485. An application of MNT II through field trips to hospitals, mock charts, case studies, role playing, and videotaping.

486. Medical Nutrition Therapy III. 3 hrs. Prerequisite: NFS 485. Corequisite: NFS 486L. Biochemical and physiological bases for dietary treatment of cancer, children's illness, and diseases of the heart, lungs, and kidneys.

486L. Medical Nutrition Therapy III Laboratory. 1 hr. Prerequisite: NFS 485. Corequisite: NFS 486. Application of MNT III through case studies, role playing, and hospital visits.

492. Special Problems in Food and Nutrition. 1-4 hrs. Prerequisite: Senior standing and permission of the instructor. (Students undertaking a Seniors Honors Project will enroll in NFS H492.)

PARALEGAL STUDIES (PLS)

381. Introduction to Paralegalism. 3 hrs. An introduction to the profession, including history and development, ethics, the American legal system, and paralegal skills.

382. Civil Litigation. 3 hrs. An introduction to civil litigation—the process of resolving disputes between individuals, businesses, and government through the court system, with emphasis on procedure.

383. Legal Research. 3 hrs. A summary of primary and secondary legal sources including reporters, digests, codes, citations, LEXIS, the Internet, and other basic research materials.

384. Legal Drafting. 3 hrs. An introduction to writing correspondence, pleadings, discovery, legal memoranda, briefs, and other documents used in civil practice.

385. Law Office Computing and Management. 3 hrs. A skills course which introduces computer applications in the law office, including Windows, word processing, automated litigation support, and specific law office management applications, such as timekeeping, billing, and docket control systems.

386. Equity Practice. 3 hrs. A study of the courts of equity and their jurisdiction in the American legal system, with emphasis on domestic relations, wills, and estates.

387. Title Searching and Loan Document Preparation. 3 hrs. An introduction to the procedure of title searching and the preparation of loan closing documents.

388. Commercial Skills for Paralegals. 3 hrs. An introduction to transactional law and related topics, including bankruptcy, debtor-creditor law, intellectual property, and formation of business entities.

389. Internship in Paralegal Studies. 3-9 hrs. Prerequisites: PLS 381, 382, 383, and 384 and permission of the director. The course is open only to paralegal majors.

492. Special Problems in Paralegal Studies. 1-3 hrs. Prerequisite: Consent of the director. Provides the opportunity to pursue a special topic or area of interest. May be repeated for a total of three hours. (Students undertaking a Senior Honors project will enroll in PLS H492.)

PHILOSOPHY (PHI)

151. Introduction to Philosophy. 3 hrs. An introduction to the methods and major themes of philosophy. (CC 2113, 2153)

253. Logic. 3 hrs. The development of critical thinking and argumentative skills utilizing informal and formal logical techniques.

300. Business Ethics. 3 hrs. A philosophical exploration of how to recognize, analyze, and implement ethical decisions within the multivalued contexts of the various fields of business. May not be taken as a substitute for PHI 151.

316. Philosophy of Science. 3 hrs. An introduction to the study of scientific method, the nature of science, and the relationship of science to other academic disciplines and to culture at large.

352. Asian Thought. 3 hrs. A survey of the thought of India and the Far East.

353. Study of a Major Philosopher. 3 hrs. May be repeated for credit to a total of nine hours. A detailed examination of a selected philosopher.

356. Ethics. 3 hrs. An examination of classical and contemporary moral theory.

372. Philosophy of Religion. 3 hrs. An examination of classical problems in philosophical theology.

406. Philosophy of Human Nature. 3 hrs. A philosophical consideration of the nature of human consciousness including philosophical anthropology, philosophical psychology, and cognitive science.

410. Classical Philosophy. 3 hrs. An outline survey of Greek philosophical thought.

412. Modern Philosophy. 3 hrs. Survey of 17th and 18th century European philosophy.

420. Metaphysics. 3 hrs. Analysis of classical and contemporary problems in metaphysics.

436. Aesthetics. 3 hrs. Philosophical analysis of theories of art and beauty.

440. American Philosophy. 3 hrs. Survey of the development of philosophy in America and major American philosophers.

450. Existentialism and Phenomenology. 3 hrs. An examination of the central themes in contemporary European existentialism and phenomenology.

451. Political Philosophy. 3 hrs. A study of the major schools of political philosophy from classical to contemporary times.

452. Health Care Ethics. 3 hrs. A study of the moral dimensions of health care practice, choices confronting professionals and patients, and the role of health care in society.

453. Philosophy of Law. 3 hrs. An inquiry into theories of law.

457. Environmental Ethics. 3 hrs. An examination of human responsibilities for nature; the impact of civilization on the natural world; formulation of ethical principles and policies.

458. Symbolic Logic. 3 hrs. A study of the basic theory and operations of the propositional calculus, quantification, and the logic of relations.

460. 20th Century Philosophical Issues. 3 hrs. An examination of the central themes in contemporary philosophy.

492. Special Problems. 1-3 hrs. A problem study to be approved by the department chairman. May be taken for a total of nine hours. (Students undertaking a Senior Honors Project will enroll in PHI H492.)

499. British Studies: Comparative Business Ethics. 3-6 hrs.

PHYSICS (PHY)

103. Introductory Physics. 3 hrs. Prerequisite: MAT 101. A survey of physics principles for non-science majors. Credit for this course may not be applied toward degrees in the College of Science and Technology.

103L. Introductory Physics Laboratory. 1 hr. Corequisite: PHY 103.

111. General Physics. 3 hrs. Prerequisites: MAT 101, 103. Corequisite: PHY 111L. An algebra and trigonometry-based introductory physics course. (CC 2414)

111L. General Physics Laboratory. 1 hr. Corequisite: PHY 111.

112. General Physics. 3 hrs. Prerequisite: PHY 111. Corequisite: PHY 112L. A continuation of PHY 111. (CC 2424)

112L. General Physics Laboratory. 1 hr. Corequisite: PHY 112.

190. Foundations and Frontiers in Physics. 2 hrs. The first course for a physics major that surveys the scope and breadth of the discipline of physics; to include an historical perspective and good practices for a physicist.

201. General Physics with Calculus. 4 hrs. Corequisite: MAT 178 and PHY 201L. A rigorous course in physics recommended for physics majors. Required for pre-engineering students. (CC 2514)

201L. General Physics with Calculus Laboratory. 1 hr. Corequisite: PHY 201.

202. General Physics with Calculus. 4 hrs. Prerequisite: PHY 201. Corequisite: PHY 202L. A continuation of PHY 201. (CC 2524)

202L. General Physics with Calculus Laboratory. 1 hr. Corequisite: PHY 202.

327. Electronics I. 3 hrs. Prerequisite: PHY 112 or 202. Corequisite: PHY 327L. Fundamentals of vacuum and semiconductor devices with applications to scientific instrumentation.

327L. Electronics I Laboratory. 1 hr. Corequisite: PHY 327.

328. Electronics II. 3 hrs. Prerequisite: PHY 327. Corequisite: PHY 328L. A continuation of PHY 327.

328L. Electronics II Laboratory. 1 hr. Corequisite: PHY 328.

332. Thermodynamics and Statistical Mechanics. 3 hrs. Prerequisites: PHY 202 and 361. Temperature, thermodynamic principles, and the application of statistics to classical and quantum systems.

341. Optics. 3 hrs. Prerequisite: PHY 112 or 202. Corequisite: PHY 341L. Rays, refractive and reflective surfaces, lens design, and the electromagnetic theory of light.

341L. Optics Laboratory. 1 hr. Corequisite: PHY 341.

350. Mechanics. 3 hrs. Prerequisites: PHY 202, MAT 179. Corequisite: MAT 280. Mathematical treatment of the dynamics of particles and rigid bodies.

351. Mechanics. 3 hrs. Prerequisite: PHY 350. A continuation of PHY 350.

361. Elementary Modern Physics I. 3 hrs. Prerequisite: PHY 112 or 202. Survey of atomic particles, radiation, and x-rays. Optical Spectra.

361L. Elementary Modern Physics I Laboratory. 1 hr. Corequisite: PHY 361.

362. Elementary Modern Physics II. 3 hrs. Prerequisite: PHY 361. A study of atomic and molecular physics, properties of solids, and other applications of quantum mechanics.

392. Physics Special Problems. 1-3 hrs. Prerequisite: Permission. Theoretical and experimental problems limited to junior and senior students.

421. Electricity and Magnetism. 3 hrs. Prerequisites: PHY 351, MAT 385. Vector analysis, electrostatics, magnetostatics, and electromagnetic fields.

422. Electricity and Magnetism. 3 hrs. Prerequisite: PHY 421. A continuation of PHY 421.

423. Science and Society: from Copernicus to the Bomb. 3 hrs. An interdisciplinary course designed for both science and liberal arts students. Traces the development of science and technology and their role in society from the Renaissance to the present. (Cross-listed as HIS 423, HUM 423, and BSC 423.)

435. Principles of Microwave Systems. 3 hrs. Prerequisite: PHY 327. Introduction to microwave theory, basic design of microwave systems.

451. Physical Applications of the Fourier Transform. 3 hrs. Prerequisites: MAT 280 and PHY 202. Convolution, deconvolution of physical signals and introduction to sampling.

455. Fluid Dynamics. 3 hrs. Prerequisites: PHY 350 and MAT 385. A mathematical development of the physical principles governing fluid flow.

460. Advanced Physics Laboratory. 2 hrs. Prerequisites: Permission and Senior Standing. Advanced experiments in modern physics.

461. Quantum Mechanics. 3 hrs. Prerequisites: PHY 351 and 361. Quantum theory, spectroscopy, and atomic and nuclear structure.

464. Fundamentals of Solid State Physics. 3 hrs. Prerequisites: PHY 351 and 361.

465. Nuclear Physics. 3 hrs. Prerequisites: PHY 350 and 361. Nuclear binding forces, chain reactions, and nuclear reactors.

485. History and Literature of Physics. 3 hrs. Prerequisite: PHY 112 or 202. A survey of physics from the ancients to the present.

499. Undergraduate Research. 1-6 hrs. Prerequisite: Permission. An introduction to the methods of physical research. (Students undertaking a Senior Honors Project will enroll in PHY H499.)

PLANNING (PLG)

360. Introduction to Community Planning and Development. 3 hrs. An introduction to the planning process and the role of government, private, and non-profit organizations in community planning and development will be provided.

450. Financing Economic and Community Development. 3 hrs. An examination of the theory and practice of public finance is provided in this course. Topics include fiscal impact assessment of development, capital budgeting, current policy issues, and grants writing.

461. Planning and Development Law. 3 hrs. The legal context for planning and managing land use and development is provided in this course. The course also provides insight into environmental law as applied to planning.

462. Environmental Planning and Policy. 3 hrs. This course provides an introduction to the detailed study of environmental planning analysis and methodology as an element in land-use decision-making systems.

463. Planning and Development Research Methods. 3 hrs. This course provides an introduction to research techniques for collection, organization, and analysis of information to aid in the planning and development decision-making process.

464. Physical Infrastructure Planning and Development. 3 hrs. The relationships between physical infrastructure and planning and development are explored in this course. Provisions of physical infrastructure at the site and community levels are examined.

465. Land Use Planning and Policy. 3 hrs. This course will examine the planning and development procedures which impact the development market such as land suitability analysis and land use plans.

466. Economic Development Planning for Communities. 3 hrs. This course provides an introduction to the strategies, programs, and processes used at the community and regional levels to encourage investment and employment opportunities.

469. Studio Laboratory: Plan Preparation. 3 hrs. Preparation and presentation of a professional plan as a collaborative community/student group effort. May be repeated with change of content for a total of six (6) hours.

470. Current Issues Seminar. 3 hrs. This course is designed to allow flexibility in the topic, depending on student interests. The course will begin by an examination of the profession including its evolution, theory base, ethics, and requirements for professional certifications. A current topic will then be selected for exploration, such as transportation planning, sustainable development, or negotiation and conflict management..

491. Professional Practice Internship. 1-9 hrs. Students will obtain practical experience working with a planning or development organization. May be repeated for a total of nine hours. Letter-grade credit is only available for three hours.

492. Special Problems. 1-6 hrs. May be repeated for a total of six hours.

499. Comparative Urban Planning. 3-6 hrs. This course focuses on urban planning and the development of the urban landscape in the British Isles. Includes lectures, field trips, and directed research.

POLITICAL SCIENCE (PS)

101. American Government. 3 hrs. (CC 1113, 1153)

201. Great Issues of Politics. 3 hrs. An introduction to the central concepts, issues, and questions of political life.

291. Research in Political Science. 1 hr.

300. Political Systems of the Modern World. 3 hrs. A survey of major foreign political systems, with emphasis on advanced industrial democracies.

301. State and Local Politics. 3 hrs.

303. American Political Movements. 3 hrs. A study of Afro- American, Old and New Left, Radical Right, Counter-Culture, and Feminist movements.

304. Politics of Popular Culture. 3 hrs. A survey of the political aspects of contemporary popular culture.

321. American Political Theory. 3 hrs. Surveys American political thought from the contributions of the Iroquois Federation through Thomas Jefferson to Martin Luther King and other contemporary thinkers.

330. United States Foreign Policy. 3 hrs.

331. World Politics. 3 hrs.

370. Introduction to Public Administration. 3 hrs.

375. Government and Economics. 3 hrs.

380. Introduction to Law in American Society. 3 hrs. A basic course to familiarize students with the court structure, the legal profession, and the role of law in American society.

401. Political Socialization. 3 hrs. An analysis of the American political system on an advanced level.

402. Urban Politics. 3 hrs.

403. Politics and Environment. 3 hrs. An examination into the politics of the environment across both global and domestic areas and across major ecological issues.

404. The Legislative Process. 3 hrs.

405. Women and Politics. 3 hrs.

406. Political Parties. 3 hrs.

407. Mississippi Government. 3 hrs.

408. The American Presidency. 3 hrs. An analysis of the selection, role, power, and performance of the presidency.

409. Southern Politics. 3 hrs. An examination of the politics and political culture of the southern states.

411. Research in Political Science. 3 hrs. An introduction to the theory and practice of political research.

412. Political Analysis. 3 hrs. An introduction to the theory and practice of political analysis.

420. Political Theory to Locke. 3 hrs.

421. Political Theory Locke to Present. 3 hrs.

426. 20th Century Political Theory. 3 hrs. Major thinkers from Friedrich Nietzsche to Hannah Arendt, Michel Foucault, and Vaclav Havel will be analyzed. The course includes schools and movements of contemporary political thought such as feminism and postmodernism.

431. International Law and Organization. 3 hrs.

432. Foreign Policies of the Major Powers. 3 hrs.

435. Comparative Foreign Policy. 3 hrs.

450. Comparative Studies in European Politics. 3 hrs.

451. Governments of Eastern Europe. 3 hrs.

452. The Political Systems of Great Britain and the Commonwealth. 3 hrs.

456. Latin American Governments and Politics. 3 hrs.

457. Political Development. 3 hrs. A comparative analysis of political change and modernization.

458. Latin American Political and Economic Development. 3 hrs.

470. Science, Technology, and Politics. 3 hrs. An investigation of the politics inherent in science and technology.

471. Public Personnel Administration. 3 hrs.

472. Organization and Management. 3 hrs.

473. Public Policy. 3 hrs.

474. The Politics of Taxing and Spending. 3 hrs. Facets of budgetary administration, emphasizing federal and municipal budgets, theory, and process.

480. United States Constitutional Law. 3 hrs.

481. The American Judicial Process. 3 hrs.

484. Administrative Law. 3 hrs.

485. International Law. 3 hrs.

489. U. S. Supreme Court and Civil Liberties. 3 hrs. An analysis of the role of the U. S. Supreme Court in protecting individual rights. Primary focus is on litigation involving provisions of the Bill of Rights.

491. Proseminar in Political Science. 3 hrs. Prerequisite: Consent of instructor. An undergraduate seminar devoted to topics selected by the supervising professor. May be repeated once for credit with change in content.

492. Special Problems. 1-3 hrs. (Student undertaking a Senior Honors Project will enroll in PS H 492.)

497. Government-Business Relations in Japan. 3 hrs. An on-site analysis of business and government linkage in Japan offered under the auspices of the Center for International Education.

499. Seminar in British Politics. 3-6 hrs. Prerequisite: PS 351 or PS 452, or permission of instructor. A seminar conducted in Great Britain under the auspices of the Anglo- American Institute.

POLYMER SCIENCE (PSC)
(See also FORENSIC SCIENCE)

191. Introduction to Polymers. 2 hrs. An introduction to the history, recent developments, applications, and processing of polymers.

260. Vector Statics. 3 hrs. Corequisite: MAT 280. Forces in 2 and 3 dimensions, equilibrium, structures, friction. Vector notation.

285. Problem Solving Techniques for Polymer Scientists. 3 hrs. Prerequisite: MAT f169 or MAT 179. Corequisite: PSC 291. This course consolidates mathematical methods into a form that can be readily applied by students to solve polymer science and engineering problems.

291. Physical Aspects of Polymers. 2 hrs. An introduction to the properties of major commercial polymers, raw material sources, and the organization of the polymer industry. This course includes computer modeling and computations.

301. Organic Polymer Chemistry I. 3 hrs. Prerequisites: CHE 256 and CHE 256L. Systematic study of polymers with emphasis centered on those synthesized by step-growth polymerization.

302. Organic Polymer Chemistry II. 3 hrs. Prerequisite: PSC 301. A study of polymer formation techniques, kinetics, and properties with emphasis on addition polymerization, copolymerization, and stereoregular polymerization.

310. Technical and Scientific Communication. 1 hr. Training in the preparation of written and oral reports on scientific and technical problems.

340. Strength of Materials. 3 hrs. Prerequisite: PSC 260. Centroids stress, elastic deformation. Shear and flexure stress in beams. Combined stress and Mohr's circle.

341L. Polymer Techniques I. 2 hrs. Laboratory methods of polymer synthesis, structural determination, and characterization.

342L. Polymer Techniques II. 2 hrs. Laboratory methods of polymer synthesis, structural determination, and characterization.

360. Polymer Rheology. 3 hrs. Prerequisites: PSC 402. Theory and practice of Newtonian and non-Newtonian fluid flow behavior.

361. Polymer Processing. 3 hrs. Prerequisite: PSC 360. Plastics extrusion technology and theory. Technical planning for plastics production. Material selection for plastic products. Trends in plastics industry.

361L. Laboratory for Polymer Science 361. 2 hrs.

390. Individual Research Projects in Polymer Science. 1-6 hrs. May be repeated for credit.

401. Physical Chemistry of Polymers I. 3 hrs. Prerequisite: PHY 202, 202L. Polymer structure, chain conformation, solution properties, thermodynamics, fractionation, and molecular weight measurement.

402. Physical Chemistry of Polymers II. 3 hrs. Prerequisite: PSC 401. Instrumental analysis of polymers, morphology, rheology, structure-property relationships.

410. Safety Principles and Procedures in the Chemical Sciences. 1 hr. Common laboratory hazards and their remediation.

450. Polymer Characterization. 3 hrs. Prerequisites: PHY 202 and PHY 202L. Macromolecular chemical structure and morphological characterization using thermal, spectroscopic and x-ray diffraction techniques.

450L. Laboratory for Polymer Science 450. 1 hr.

470. Surface Coatings. 4 hrs. Prerequisite: PSC 302. Study of the physical and chemical properties of the pigments, binders, solvents, and additives employed in surface coatings; dispersion techniques, surface preparation, paint testing, application techniques, and surface coatings analysis are also discussed.

470L. Laboratory for Polymer Science 470. 1 hr.

471. Electronics for Scientists. 3 hrs. Prerequisite: PHY 202. Practical electronics needed for maximum utilization of scientific instrumentation, automation, and logic circuits.

471L Laboratory for PSC 471. 1 hr. Corequisite: PSC 471.

480. Polymer Kinetics. 4 hrs. Introduction to polymerization kinetics and reactor design.

490. Special Projects in Polymer Science. 1 hr. Individual research. Prospectus is prepared and research plan is executed with final report required. (Students undertaking a Seniors Honor Project will enroll in PSC H490.)

490L. Laboratory for Polymer Science 490. 3 hrs. Prerequisite or corequisite: PSC 410.

491. Special Projects in Polymer Science. 1 hr. Individual research. Prospectus is prepared and research plan is executed with final report required. (Students undertaking a Seniors Honor Project will enroll in PSC H491.)

491L. Laboratory for Polymer Science 491. 3 hrs. Prerequisite or corequisite: PSC 410.

492. Special Problems. 3 hrs. To include a survey of such topics as thermally stable polymers, silicone elastomers, emulsion polymers, controlled biocide release from polymers, water-soluble high molecular weight polymers, and photochemistry.

PSYCHOLOGY (PSY)

101. Foundations of Personal Development. 3 hrs. An introduction to the principles of human development. Does not apply toward major requirements.

110. General Psychology. 3 hrs. Concurrent registration in Psy 110L is required. Open to freshmen. An introduction to the scientific study of human behavior and experience. (JC 1513)

210. Introduction to Social and Rehabilitation Services (SRS). 3 hrs. Acquaints students with the broad field of SRS via a review of relevant philosophy and history, legal mandates, and the role of SRS in contemporary applied sciences. Students will be required to participate in one of two assignments designed to facilitate personal, interpersonal, and vocational development.

231. Psychology of Personal Adjustment. 3 hrs. Prerequisite: PSY 110. Understanding of the problems people face in our society, and the diverse ways in which they respond to these problems.

251. Applied Psychology. 3 hrs. Prerequisite: PSY 110. Application of psychological methods and principles to a number of occupational fields other than education.

301. Introduction to Job Seeking. 1 hr. Prerequisite: PSY 110. To acquaint student with job seeking techniques including (a) development of an adequate resume and (b) the acquisition of job interview skills.

312. Counseling Theory and Practice. 3 hrs. Prerequisite: PSY 110 or equivalent. Emphasizes theories and principles ungirding the practical application of various helping techniques.

313. Vocational Development. 3 hrs. Prerequisite: PSY 110. An introduction to the study of vocational development, occupational structure, and job analysis.

330. Principles and Processes of Case Management. 3 hrs. Prerequisite: PSY 110. This course focuses on the coordination of specific functional tasks associated with rehabilitation services.

331. Medical Aspects of Rehabilitation. 3 hrs. Prerequisite: PSY 110. An introduction to the chronically disabling conditions both from the viewpoint of treatment processes and individual adjustment.

360. Introduction to Statistics for the Behavioral Sciences. 3 hrs. Prerequisite: PSY 110. An introduction to the principles and techniques of statistics commonly employed in the behavioral sciences.

361. Experimental Psychology. 3 hrs. Prerequisite: PSY 110,360. Introduction to experimental methodology with application to various areas of psychology.

370. Child Psychology. 3 hrs. Prerequisite: PSY 110. Study of the child through the elementary years, emphasizing principles and problems of development.

372. Adolescent Psychology. 3 hrs. Prerequisite: PSY 110. Psychological development of the individual during the adolescent years.

374. Educational Psychology. 3 hrs. Prerequisite: PSY 110. Application of psychological methods, facts, and principles to education.

375. Developmental Psychology. 3 hrs. Prerequisite: PSY 110. A study of the course of growth and development throughout the life span, with emphasis on principles of development.

385. Applied Behavior Analysis. 3 hrs. Prerequisites: PSY 110 and permission of instructor. Application of the principles of applied behavior analysis to problems involving human behavior change.

400. Health Psychology. 3 hrs. Prerequisite: PSY 110. The study of psychology's contributions to enhancement of physical health, prevention and treatment of illness and identification of illness risk factors.

410. Holistic Nursing Practice. 3 hrs. Seminar discussion of holistic practice and interventions, demonstration and/or experiential sessions to facilitate understanding of a holistic perspective in nursing and daily living.

411. Testing and Assessment. 3 hrs. Prerequisite: PSY 110, 360. Introduction to theory and techniques of psychological testing and assessment.

413. Multicultural Counseling. 3 hrs. Prerequisite: PSY 110. Examines cultural diversity in North American society with focus on implications for counselors and mental health service providers.

418. History and Systems of Psychology. 3 hrs. Prerequisite: PSY 110. Review of the history of psychology and intensive study of current systems of psychology. Primarily for senior psychology majors.

420. Sensation and Perception. 3 hrs. Prerequisite: PSY 110, 360. A survey of sensory and perceptual processes with emphasis on the visual system.

422. Psychology of Learning. 3 hrs. Prerequisite: PSY 110. A study of the basic problems, theories, concepts, and research in the areas of human and animal learning.

423. Group Procedures. 3 hrs. Prerequisite: PSy 110. Introduction to the fundamentals of developmental group work with emphasis on individual behaviors in a group setting.

424. Animal Behavior. 3 hrs. Prerequisite: PSY 110. Study of animal behavior with emphasis on the comparison of psychological processes along the phylogenetic scale.

425. Cognitive Psychology. 3 hrs. An overview of contemporary research and theories concerning the structure and processes of the mind.

426. Physiological Psychology. 3 hrs. Prerequisite: PSY 110. Relationships between physiological functions, especially those of the nervous system, and emotional behavior motivation and learning.

427L Laboratory Techniques in Behavioral Neuroscience. 3 hrs. Prerequisite: Permission of instructor. Experimental techniques in neurophysiology, neuropharmacology, and behavioral research. May be taken as BSC 456L.

432. Behavioral Interventions. 3 hrs. Prerequisite: PSY 110. An introduction to behavioral interventions as applied to normal and deviant behavior across different environmental settings.

433. Workshop in Counseling Procedures. 3 hrs. Prerequisite: PSY 110. A workshop to familiarize counselor personnel with new and innovative procedures in facilitating client development.

435. Alcoholism and Drug Abuse Intervention. 3 hrs. Prerequisite: PSY 110. Intervention strategies with emphasis on the alcoholic.

436. Abnormal Psychology. 3 hrs. Prerequisite: PSY 110. An introduction to the study of abnormal behavior.

450. Social Psychology. 3 hrs. Prerequisite: PSY 110. Study of social influences on personality development and perceptual-cognitive processes and social motivation.

451. Industrial Psychology. 3 hrs. Prerequisite: PSY 110. (PSY 360 recommended). Applications of psychological principles and methods to problems of industry.

455. Psychology of Personality. 3 hrs. Prerequisites: PSY 110. Different theoretical approaches to the development of the mature personality.

456. Psychology of Aging and Dying. 3 hrs. Prerequisite: PSY 110 and Permission of Instructor. Study of problems and attitudes concerning aging and death.

457. Psychology of Religion. 3 hrs. Prerequisite: PSY 110. An examination of modern psychological perspectives on religious beliefs, experiences, and practices.

460. Advanced Data Analysis. 3 hrs. Prerequisite: PSY 360. The conceptual foundations of statistical procedures commonly used in behavioral research will be extensively reviewed. Use of statistical packages will be a major focus.

462-463. Field Practicum I, II. 3-6 hrs. Prerequisite: PSY 110 and Permission of instructor. Individual field practicum in an institutional or agency setting.

470. Psychology of Gender. 3 hrs. Examination and critical analysis of the role of gender in psychological theories of personality and behavior.

477. Developmental Disabilities in Early Childhood. 3 hrs. Prerequisite: PSY 110. Overview of contributing factors to atypical early development: Identification and management of at-risk conditions, legal/ethical issues, and legislation/litigation.

478. Specialized Studies in Developmental Disabilities. 1-6 hrs. Prerequisite: PSY 110. Specialized study and skill acquisition in the area of developmental disabilities. Topics vary.

482. Moral Development in Childhood and Adolescence. 3 hrs. Prerequisites: PSY 110 and permission of instructor. A study of the major psychological theories of moral development.

492. Special Problems in Psychology. 1-6 hrs. Prerequisites: PSY 110 and the consent of instructor. (Students undertaking a Seniors Honors Project will enroll in PSY H492.)

496. Families of the Developmentally Disabled. 3 hrs. Prerequisites: PSY 110 and Senior standing or permission of instructor. Interdisciplinary approach tot he study of families of the developmentally disabled.

497. Professional Collaboration for Developmental Disability Services. 3 hrs. Prerequisite: PSY 110. Study of the interdependent contributions of relevant disciplines in training, service, and research.

498. Senior Thesis. 3 hrs. Prerequisite: PSY 110 and Permission of department chair and instructor.

499. British Studies. 3-6 hrs.

RADIO, TELEVISION, AND FILM (RTF)

101. Survey of Mass Communication. 3 hrs. A survey of the development and operation of print, electronic and film media including an overview of mass communication theory and effects research.

111. Radio Production. 3 hrs. Co-Requisite: RTF 111L. Introductory course in radio production covering control room on-air production, off-air program production, and radio station operations.

111L. Radio Production Lab. 0 hrs. Co-Requisite: RTF 111. Studio production laboratory activities required for RTF 111.

140. Introduction to TV Production. 3 hrs. Corequisite: RTF 140L. Instruction in the fundamentals of communicating with the television medium through a combination of lecture, demonstration, and production assignments.

140L. TV Production Lab. 0 hrs. Corequisite: RTF 140. Production laboratory required for RTF 140.

170. Introduction to Film Studies. 3 hrs. An examination of the formal aspects of style and narrative in Hollywood narrative cinema, art cinema narration, avant-garde, and documentary film.

303. Internship in Radio, Television, and Film. 3 hrs. Prerequisites: Completion of 24 hours of RTF major, B average in RTF courses, overall GPA of 2.5, approval of the chair.

304. Broadcast Reporting I. 3 hrs. Prerequisites: JOU 202, RTF 111, and RTF 140. Writing, editing, and producing radio news stories and newscasts. Emphasis on story idea origination, interviewing, audio recording, and newscast delivery. Typing proficiency required.

304L. Broadcast Reporting I Lab. 1 hr. Corequisite: RTF 304. Production laboratory required for RTF 304.

305. Broadcast Reporting II. 3 hrs. Prerequisites: JOU 202, RTF 111, RTF 140, and RTF 304. Corequisite: RTF 305L. Writing, video taping, and editing television news stories and series. Emphasis on story idea origination, interviewing, and electronic news gathering techniques. Typing proficiency required.

305L Broadcast Reporting II Lab. 1 hr. Corequisite: RTF 305. Production laboratory required for RTF 305.

320. Announcing. 3 hrs. Prerequisite: RTF 111. This course is designed to familiarize students with the requirements of a variety of radio and TV announcing situations.

330. Broadcast Advertising. 3 hrs. An overview of the advertising industry with an emphasis on network and local broadcast and cable television advertising operations.

340. Intermediate Television Production. 3 hrs. Prerequisite: RTF 140. Advanced topics in studio production and direction.

360. Telecommunication Regulation and Policy. 3 hrs. Study of the regulatory agencies, regulations, and policies which affect the operation of domestic telecommunication media and delivery systems.

370. Film History. 3 hrs. This course combines text, lecture, discussion, and screenings to trace the first fifty years of motion pictures.

371. Basic Cinematography. 3 hrs. Prerequisite: RTF 140. This course introduces students to the professional 16mm film format.

373. Film Animation. 3 hrs. Prerequisite: Consent of instructor. A study of the basic principles of film animation.

402. Broadcast Journalism Workshop. 1 hr. Prerequisites: JOU 202 and RTF 111, RTF 140, RTF 304, RTF 305, and consent of instructor. Experience in producing television newscasts.

407. Theories of Mass Communication. 3 hrs. An examination of scholarly theory pertaining to the mass communication process, the functions of mass communication, and mass communication effects.

411. Advanced Audio Production. 3 hrs. Prerequisite: RTF 111 or consent of instructor. An advanced course in audio production for both aural and visual media.

416. Telecommunication Media Management. 3 hrs. Examination of management responsibilities in broadcast radio and TV, cable TV, and other electronic media and media delivery systems.

418. Practicum in RTF. 1 hr., repeatable for a total of 3 hrs. Consent of instructor. Individual production experience under supervision of a cooperating faculty member.

425. Telecommunication Media Research. 3 hrs. Prepares students to utilize and evaluate professional telecommunication research services and to conduct elementary studies of media audiences.

431. Advertising Management and Sales. 3 hrs. Prerequisite: RTF 330. This course focuses upon the organization, operation and management of the advertising department of a broadcast station or cable television system.

436. Western Film Genre. 3 hrs. The course examines the interaction of stylistic and thematic elements associated with the Western film genre.

440. Advanced Television Production. 3 hrs. Prerequisite: RTF 340 or permission of instructor. Advanced topics in video post-production theory and practice.

442. Writing for Radio-TV. 3 hrs. Basic broadcast copywriting for continuity, commercials and program formats. Course content is applied in frequent writing assignments. Typing proficiency required.

447. Television Production Workshop. 3 hrs. Prerequisite: RTF 340 or permission of instructor. Advanced experience in all phases of television production, direction, and post-production.

448. Seminar in Radio-TV. 3 hrs. Prerequisite: Permission of instructor. Examination of a telecommunication topic. May be repeated with a different topic or combined with RTF 478 for a total of six hours.

450. The Internet: The Online Electronic Medium. 3 hrs. Prerequisite: Consent of instructor.

460. Issues in Telecommunication. 3 hrs. Examination of structural, regulatory, policy, and social concerns related to the U.S. telecommunication industry.

470. Contemporary Cinema. 3 hrs. An historical treatment of the international trends in film from 1945 to the present. Feature films are screened for analysis and discussion.

471. Advanced Cinematography. 3 hrs. Prerequisite: RTF 371 and consent of instructor. Advanced instruction and practical production experience in 16mm motion picture cinematography.

472. Writing for Television and Film. 3 hrs. Narrative scriptwriting for television and film dramatic content. Typing proficiency required.

473. The Documentary Film. 3 hrs. Evaluation of the documentary tradition in film through viewing and analysis of selected documentaries and review of pertinent literature.

474. Film Noir. 3 hrs. The course examines the interaction of stylistic and thematic elements associated with the Film Noir period and their impact on contemporary cinema.

475. Film Business Procedures and Management. 3 hrs. Prerequisite: Consent of instructor. Study of the business practices and problems involved in film production.

476. British Film. 3-6 hrs. Prerequisite: Consent of instructor. Lecture and research in British filmmaking offered abroad under the auspices of the Institute of Anglo-American Studies.

477. Advanced Film Production Workshop. 3 hrs. Prerequisite: Consent of instructor. Advanced practical experience and instruction in film direction and cinematography. May be repeated for a total of 6 hours.

478. Seminar in Film. 3 hrs. Prerequisite: Permission of instructor. Examination of a film topic. May be repeated with a different topic or combined with RTF 448 for a total of six hours.

479. Film Theory and Criticism. 3 hrs. Study of major film theories through study of the literature of film theory and screening and discussion of selected films.

480. Comparative Media Systems. 3 hrs. Study of the structure, function, and historical/ political features of the electronic media systems of selected nations.

481. International Broadcasting. 3 hrs. Prerequisite: Permission of instructor. An examination of the development, structure, functions, programming, and audiences of international broadcasting services.

485. Film Editing. 3 hrs. Prerequisite: RTF 471 or consent of instructor. Concentration on editing of sound and picture in the 16mm film format.

489. Caribbean Mass Media Systems. 3 hrs. Prerequisite: Consent of instructor. Lecture and research on the media systems of the Caribbean Basin with special attention given to coverage of Third World news.

492. Special Problems in Radio, Television, and Film. 1-3 hrs. Prerequisite: Consent of instructor. Arranged, in-depth investigation of an individual research topic. (Students undertaking a Senior Honors Project must enroll in RTF H492.)

499. British Studies: Comparative Mass Media. 3-6 hrs. Prerequisite: Consent of instructor. Lecture and research in British and American mass media offered abroad under the auspices of the Institute of Anglo-American Studies.

REAL ESTATE AND INSURANCE (REI)

(Enrollment in Real Estate and Insurance courses requires at least junior standing.)

325. General Insurance. 3 hrs. Nature of risk, its measurement, and the insurance mechanism as a device for handling risk with reference to the principal types of coverage.

326. Introduction to Actuarial Science. 3 hrs. Compound interest theory, its application, and basic actuarial techniques of premium and reserve determination for life insurance and annuities.

330. Real Estate Principles. 3 hrs. An introduction to the field of real estate covering principles of law, valuation, management, financing, and brokerage of real estate.

340. Real Estate Law. 3 hrs. Prerequisite: BA 200. The law of real property and the law of real estate brokerage.

425. Life Insurance. 3 hrs. Prerequisite: REI 325. Types of policies and their uses; contract provisions; actuarial and legal aspects; settlement options.

432. Real Estate Finance. 3 hrs. Prerequisite: FIN 300. A study of the sources of real estate funds and analytical techniques for investment decision-making.

434. Real Estate Valuation. 3 hrs. Prerequisites: REI 330 and FIN 300. Theory and practice of real estate valuation.

445. Property and Liability Insurance. 3 hrs. Prerequisite: REI 325. Fire, consequential loss, theft, automobile, general liability, and workmen's compensation insurance.

450. Health Insurance. 3 hrs. Prerequisite: REI 325. Disability risk with its economic consequences and the various health insurance coverages available to meet it.

498. International Insurance Seminar Abroad. 3 hrs. Prerequisite: Consent of Program Director. Conducted in London, England: a series of lectures and discussions involving authorities on international insurance issues and practices.

499. International Insurance Research Abroad. 3 hrs. Prerequisite: Consent of Program Director. A research course in international insurance offered for students enrolled in REI 498.

RELIGION (REL)

131. Comparative Religion. 3 hrs. The study of religion as an aspect of human culture with attention to both Christian and non- Christian religions. 333. The Old Testament. 3 hrs. A study of the major themes and history of the Jewish religion.

333. The Old Testament. 3 hrs. A study of the major themes and history of the Jewish religion.

335. The Life of Jesus. 3 hrs. A study of the major themes and history of the Christian religion.

435. Religions of the Near East. 3 hrs. A survey of Judaism, Islam, and Zoroastrianism.

436. Contemplative Theory and Practices. 3 hrs. A study of the major themes and issues of religious mysticism— East and West.

451. Philosophical Issues in Religion and Science. 3 hrs. An examination of historical and contemporary philosophical issues arising in attempts to relate scientific accounts of the natural world and accounts derived from religious traditions.

490. Contemporary Religious Problems. 3 hrs. An examination of specific problems within the broad spectrum of contemporary religious concern.

492. Special Problems. 1-3 hrs. Directed individual study. May be taken for a total of nine (9) hours.

499. Religious Studies Abroad. 3-6 hrs. The study of religious themes in various parts of the world. Offered abroad through the Center for International Education.

RESEARCH AND FOUNDATIONS (REF)

(Educational Foundations)

400. Public Education in the United States. 3 hrs. An orientation to teaching as a profession. Teacher education majors must be formally admitted to the teacher education program.

416. Utilization of Audiovisual and Media Equipment. 3 hrs. A general course for teachers with emphasis upon use, production, and selection of sound and visual classroom media.

469. Tests and Measurements. 3 hrs. Considers evaluative practices in education. Teacher education majors must be formally admitted to the teacher education program.

SCIENCE EDUCATION (SCE)

432. Science for Elementary Teachers. 3 hrs. Prerequisites: FS 131, 133, 135, or 12 semester hours of science. Teacher Education majors must be formally admitted to the Teacher Education Program.

435. Marine Science for Elementary Teachers. 3 hrs. Prerequisite: Permission of instructor. (Same as MAR 458).

453. Earth and Environmental Science for Intermediate School Teachers. 3 hrs. Prerequisite: Earth and environmental science background or permission of the instructor.

454. Biological Sciences for Intermediate School Teachers. 3 hrs. An examination of subject matter, techniques, and methods for teaching the life sciences.

455. Physical Science for Intermediate School Teachers. 3 hrs. An examination of the subject matter, techniques, and methods for teaching physical sciences.

460. Methods in Teaching Science—Secondary. 3 hrs. Designed to familiarize teachers with current trends, methods, and techniques of teaching science to secondary school students.

+461. Computers and Technology in Science and Mathematics Teaching. 3 hrs. An examination of software, literature, research and strategies.

+489. Student Teaching in Science I. 7 hrs. Prerequisite: SCE 460. Corequisite: SCE 490. Field experience in teaching science in the secondary grades.

+490.Student Teaching in Science II. 7 hrs. Prerequisite: SCE 460. Corequisite: SCE 489. Field experience in teaching science in the secondary grades.

492. Special Problems. 1-3 hrs. A problem study to be approved by the Center Director.

SOCIAL WORK (SWK)

230. Introduction to Social Work. 3 hrs. Prerequisites: SOC 101 and PSY 110. Introduction to Social Work as a profession and to its practice methodologies, with an emphasis on the Generalist Method.

300. Social Service Systems. 3 hrs. Prerequisite: SWK 230 or permission of BSW Coordinator. Study of the major social service systems in which social workers practice. Historical perspectives, value issues, and current administrative policies are examined.

315. Human Diversity in a Changing World. 3 hrs. Prerequisite: SWK 230 or permission of BSW Coordinator. Cultural, social and psychological implications of diverse lifestyles for social work practice. Differences/similarities among various cultures and implications for social work practice will be explored.

329*. Interviewing and Recording. 3 hrs. Prerequisites: Social Work Major and 3 hours of English Electives (ENG 332, 333, 300). Fundamentals of good oral and written communication skills for social workers presented in a laboratory setting.

330*. Social Work Practice I. 3 hrs. Co-requisites: SWK 329 and SWK 340. Development of generalist practice skills with a focus on direct services to individuals, families, and groups.

331*. Social Work Practice II. 3 hrs. Prerequisites: Social Work Major and SWK 330. Co-requisites: SWK 341. Models of social work practice carried out in organizations and communities with emphasis on macro practice.

340. Human Behavior and the Social Environment I. 3 hrs. Prerequisites: SWK 315, PSY 375 and BSC 107 with lab. Study of the interrelations of biological, social, cultural, environmental and psychological factors in human behavior and their relevance and application to social work practice.

341. Human Behavior and the Social Environment II. 3 hrs. Prerequisite: SWK 340. Co-requisite SWK 331. Examination of theoretical and practice concerns of human behavior in groups, communities and formal organizations.

391. Pre-Practicum in Social Work and Literacy. 3 hrs. Prerequisite: SWK 330. Offers students an opportunity to learn and work in a field setting with adults who have reading difficulties and work with adults around a specific problem situation using the social work process.

400. Social Welfare Policy and Programs. 3 hrs. Prerequisites: SWK 331, SWK 341, ECO 201 or PS 101. Co-requisite: SWK 420. Examination of the construction, analysis, and implementation of social welfare policy at local, state and federal levels.

420*. Methods of Social Work Research. 3 hrs. Prerequisites: SWK 331, SWK 341, CSC 100 and PSY 360. Co-requisite: SWK 400. Methods of data collection, analysis, interpretation and reporting in preparation for the evaluation of social work practice and research.

430*. Field Education. 9 hrs. Prerequisites: Must have completed 122 hours of the required liberal arts curriculum, professional core and foundation electives with a 2.5 cumulative GPA. Co-requisite: SWK 431. Internship in a social service agency to provide experience in direct service to client systems and to enhance and develop generalist practice skills.

431*. Field Education Seminar. 3 hrs. Co-requisite: SWK 430. A seminar designed to enable students to further develop generalist practice skills and integrate professional knowledge, values, skills and theory with practice.

477. Developmental Disabilities in Early Childhood. 3 hrs. Prerequisite: SWK 330. Overview of contributing factors to atypical early development, identification and management of at-risk conditions, legal/ethical issues, and legislation/litigation.

478. Specialized Studies in Developmental Disabilities. 1-6 hrs. Prerequisite: SWK 330. Specialized study and skill acquisition in the area of developmental disabilities. Topics vary.

492. Special Problems. 3 hrs. (May be repeated up to 6 hrs.) Allows a student or a group of students to study issues of special significance for social work practice that are not normally addressed by regular courses.

493. Crisis Intervention. 3 hrs. Prerequisite: SWK 330. Theory as well as step-by-step intervention for the helping professional to assist the client in reducing temporary extreme stress.

494. Social Work with Children and Families. 3 hrs. Prerequisite: SWK 330. Introduction to the practice settings which provide services to children and their families. Social work practice in child welfare agencies and social service interventions to strengthen families will be the primary focus.

496. Social Work Practice in Schools. 3 hrs. Prerequisite: SWK 330. Examines the challenges and opportunities of social work practice in education and the roles and functions of social workers within a complex ecological system of home/school/community. It also addresses current issues such as violence, homelessness, AIDS, physical and sexual abuse, substance abuse, racism, sexism, classism, diversity and cross-cultural communication.

497. Social Work Practice and Family Violence. 3 hrs. Prerequisite: SWK 330. Examines family violence and to suggest strategies for social work intervention with violent families, including those involving child abuse and neglect, spouse abuse and elder abuse. The problem is viewed from the dual perspectives of societal concerns and interventions, including policies and programs, and work with individual families.

498. Families of the Developmentally Disabled. 3 hrs. Prerequisite: Junior status or consent of instructor. Interdisciplinary approach to the study of families with developmental disabilities.

*Majors Only

SOCIOLOGY (SOC)

101. Introduction to Sociology. 3 hrs. Prerequisite to all other sociology courses. Designed to give a general overview of the perspectives, concepts, and methodology of sociology. (CC 2113)

240. Social Problems. 3 hrs. A study of representative contemporary problems, with emphasis on causes which arise from cultural patterns and social change. (CC 2123, 2133)

301. Wealth, Status, and Power. 3 hrs. An introduction to the study of social stratification in society, focusing on theoretical explanations for the unequal distribution of wealth, status, and power in the United States.

302. Social Interaction. 3 hrs. A sociological analysis of human interaction. Topics include childhood socialization, nonverbal communication, and the relationship of presentational styles and social contexts.

310. Urban Sociology. 3 hrs. An analysis of the nature of urban society and the factors shaping it, including the influence of urban ecology and ecological processes.

311. Rural Sociology. 3 hrs. A study of the structure, institutions, and social processes of rural society, and of the effect of urbanization on rural society.

314. The Family. 3 hrs. An analysis of the structure and functions of the family as an institution and the factors making for family change.

315. Sociology of Religion. 3 hrs. A study of religion as a social institution, its internal development, relationships to other institutions, and its cultural and social significance in modern societies.

340. Deviant Behavior. 3 hrs. Examination of how conceptions of deviance originate and persist through the process of social interaction, with emphasis on societal reactions to deviance and the adaptation of deviants to society.

341. Criminology. 3 hrs. A study of causes, treatment, and prevention of crime. Deals with criminology, penology, and criminal legislation.

350. Race and Ethnicity. 3 hrs. An examination of the central topics in the sociology of race and ethnicity with a focus on historical patterns, social change, and current issues.

355. Collective Behavior and Social Movements. 3 hrs. A study of the ways in which collective behavior and social movements relate to socio-cultural change.

410. Sociology of Sport. 3 hrs. The examination of sport as a social institution and cultural phenomenon. Topics include sport and the media, sports violence, labor relations in sport, and sport in educational settings.

415. Sociology of Gender. 3 hrs. A study of the relationship between gender and broader cultural patterns in various societies.

421. Special Sociological Topics. 3-9 hrs. Variable content. May be repeated three times in separate topical offerings.

423. Sociology of Health. 3 hrs. An analysis of the field of health and health care delivery from a sociological perspective.

424. Sociology of Aging. 3 hrs. A survey of demographic, social, and cultural aspects of aging, with particular emphasis on American society and the problems encountered by older persons.

426. Sociology of Education. 3 hrs. A comprehensive study of the educational institution, and its relationship to the community and society.

430. Political Sociology. 3 hrs. A study of politics as a social institution, its relationship with other institutions, and its place in a changing society.

433. Field Work Practicum. 3-9 hrs. Arr. Designed to provide the student with practical field experiences in a career-oriented area.

444. Juvenile Delinquency. 3 hrs. A study of the causes and nature of juvenile delinquency, the development of the juvenile court, probation, and other rehabilitative programs.

450. Social Psychology. 3 hrs. A study of how the thoughts and behaviors of individuals are influenced by the actual or implied presence of others.

460. Quantitative Methods. 3 hrs. A survey of quantitative research techniques, focusing on descriptive and inferential statistics and computer applications.

461. Population. 3 hrs. An introduction to demography, analyzing significant changes in population composition.

462. Methods of Social Research. 3 hrs. A study of the production and interpretation of social research, with an emphasis on the relationship of theory and method.

471. Social Institutions. 3 hrs. A study of selected American social institutions, focusing on class and power structures, the rise of post-industrial society, religious and moral divisions, and democratic individualism.

475. Social Inequality. 3 hrs. An examination of research and theory in social differentiation, class, status, power, and mobility. Analysis of inequality and the effects of socioeconomic status on behavior and social organization.

481. History of Social Thought. 3 hrs. An examination of early social thought, tracing the development of Western thought and ideas from Hammurabi to Comte.

482. Sociological Theory. 3 hrs. A study of classical and contemporary social theory, focusing on selected theorists (e.g., Weber, Durkheim, Marx, Merton, and Goffman) and selected topics, including anomie and alienation, the rise of capitalism, theories of crime, and concepts of self.

489. Caribbean Studies. 3 hrs. Variable content. Lecture series and study in the Caribbean under the auspices of the Center for International Education.

492. Special Problems. 1-3 hrs. To be used to pursue specialized interests for which courses are not offered. Must be approved by the department chair. (Students undertaking a Seniors Honor Project will enroll in SOC H492.)

499. British Studies. 3-6 hrs. Variable content. Lecture series and research offered abroad under the auspices of the Center for International Education.

SOFTWARE ENGINEERING TECHNOLOGY (SET)

100. PC Hardware I. 1 hr. Introduction to the architecture and peripheral devices of the Intel Family of Microprocessors.

101. PC Hardware II. 1 hr. Prerequisite: SET 100. Advanced architecture and peripheral devices of the Intel Family of Microprocessors.

131. Internetworking Technologies. 2 hrs. Corequisite: SET 131L. An introduction to local and wide area networking technologies emphasizing physical infrastucture planning, design, installation, and management.

131L. Internetworking Technologies Laboratory. 1 hr. Corequisite: SET 131. Practical exercises in planning, installing, and maintaining local and wide area networking infrastructure.

132. Introduction to Routers. 2 hrs. Prerequisite: SET 131..Corequisite: 132L. An examination of router architecture, configuration, and management using a popular IOS with an emphasis on wide area networks.

132L. Introduction to Routers Laboratory. 1 hr. Prerequisite: SET 131. Corequisite: SET 132. Practical exercises in routing TCP/IP frames with distance-vector and link state routing protocols in a multi-router/multi-switched environment.

231. Routing and Switching. 2 hrs. Prerequisite: SET 132. Corequisite: 231L. Internetworking routers and switches to improve network performance and increase quality of service on local and wide area networks.

231L. Routing and Switching Laboratory. 1 hr. Prerequisite: SET 132 and permission of instructor. Corequisite: SET 231. Advanced practical exercise in routing TCP/IP frames with distance-vector and link state routing protocols in a multi-router/multi-switched environment to improve network performance and increase quality of service.

232. Wan Switching and Dialup. 2 hrs. Prerequisite: SET 231. Corequisite: 232L. An examination of wide area networking communication protocols over packet-switched and circuit-switched networks.

232L. Wan Switching and Dialup Laboratory. 1 hr. Prerequisite SET 231 and permission of instructor. Corequisite: SET 232. Practical exercises in configuring routers to utilize dialup protocols over packet-switched and circuit-switched connections.

370. Hardware Systems. 3 hrs. Corequisite: SET 370L. Design, analysis and implementation of digital logic systems with emphasis on circuit construction and verification.

370L Hardware Systems Laboratory. 1 hr. Corequisite: SET 370.

371. Personal Computer Applications. 3 hrs. Prerequisites: SET 370, 370L. Corequisite: SET 371L. A survey of current Industrial trends related to PC Systems and use of current operating systems to provide control of I/O operations.

371L Personal Computer Applications Laboratory. 1 hr. Prerequisites: SET 370, 370L. Corequisite: SET 371.

390. Computer Networking Fundamentals. 3 hrs. A comprehensive examination of computer networking architectures and evolving technologies.

392. Special Problems. 1-3 hrs. Prerequisite: Sophomore standing and approval of faculty adviser. Supervised study in area not covered by available courses.

400. Senior Project I. 1-3 hrs. Prerequisites: Senior standing and approval of faculty adviser. Student to complete project in his or her area of specialization.

401. Senior Project II. 1-3 hrs. Prerequisites: SET 400. Student to complete project in his or her area of specialization.

483. Windows Networking. 3 hrs. A comprehensive examination of the Windows 95 networking architecture and capabilities.

485. NOS Server Administration. 3 hrs. Prerequisite: SET 483. A comprehensive examination of the Windows NT 4.0 installation and administration, one of today's most popular Network Operating Systems (NOS).

486. Intranetworking. 3 hrs. Prerequisite: SET 485 or permission of instructor. A continuation of SET 485 that will emphasize intranetworking directory architecture, binding of network protocols, creation and management of user and group accounts.

488. TCP/IP. 3 hrs. Prerequisite: SET 483. A comprehensive examination of the Internet's standard protocol suite TCP/IP.

489. Internet Information Server. 3 hrs. Prerequisite: SET 485 or permission of instructor. Installation and configuration of a popular NOS as an Internet information server.

490. Multimedia Authoring for Performance Improvement Software. 3 hrs. Prerequisites: ENT 120 or permission of instructor. Design and development of dynamic, interactive multimedia products for workplace training and electronic support systems.

492. Special Problems. 1-3 hrs.

495. Emerging Digital Technologies. 3 hrs. Prerequisites: SET 490 or permission of instructor. Overviews web-based systems that provide on-demand, just-in-time performance improvement applications to business and industrial settings using the Internet.

SPECIAL EDUCATION (SPE)

121. Introduction to Field Experiences in Special Education. 3 hrs. Introduction to Special Education focusing on an array of services provided exceptional individuals. Course focus is on knowledge, skills, and opportunities.

331. Practicum in Elementary Special Education. 1 hr. Observational methods. To be taken with SPE 431.

342. Practicum for Transitional Policy. 1 hr. To be taken with SPE 442.

351. Practicum for Classroom Management. 1 hr. To be taken with SPE 451.

400. The Psychology and Education of the Exceptional Individual. 3 hrs. An introduction to exceptional populations and procedures and policies relating to their education and citizenship. Teacher education majors must be formally admitted to the teacher education program.

402. General Methods in Special Education. 3 hrs. The development of conceptual and writing skills associated with individual educational programs for disabled students, materials, and media techniques. Teacher education admission is required.

405. Early Intervention for Children with Special Needs. 3 hrs. Individual educational planning for children age 0-5 with special needs.

430. An Introduction to Learning Disabilities. 3 hrs. A study of social, emotional, physical, and learning characteristics of individuals with specific learning disabilities.

431. Programming for Elementary Students with Mild/Moderate Disabilities. 3 hrs. Methods, materials, and individual educational planning for elementary level students with disabilities. Teacher education admission is required.

440. An Introduction to Mental Retardation and Developmental Disabilities. 3 hrs. A study of social, emotional, physical, and intellectual characteristics of individuals with mental retardation.

442. Intervention and Transitional Policies for Secondary Students with Mild/Moderate Disabilities. 3 hrs. Methods, materials, and individual educational planning for mildly and moderately disabled students at the secondary level. Teacher education admission is required.

451. Classroom Management. 3 hrs. Techniques for structuring the classroom to promote learning: Methods for changing specific academic and social behaviors. Teacher Education admission is required.

460. Characteristics and Education of the Gifted Student. 3 hrs. Study of gifted populations to include characteristics, learning modes, and assessment procedures.

477. Developmental Disabilities in Early Childhood. 3 hrs. Overview of contributing factors to atypical early development, identification and management of at-risk conditions, legal/ethical issues, and legislation/litigation.

478. Specialized Studies in Developmental Disabilities. 1-6 hrs. Specialized study and skill acquisition in the area of developmental disabilities. Topics vary.

+ 481. Student Teaching: Mild/Moderate Disabilities. 7-14 hrs.

492. Special Problems in Special Education. 1-3 hrs. A consideration of special interest areas in the field of exceptional children. (Students undertaking a Seniors Honor Project will enroll in SPE H492.)

497. Professional Collaboration for Developmental Disability Services. 3 hrs. Prerequisite: Upper level undergraduate students only. Study of the interdependent contributions of relevant disciplines in training, service, and research.

498. Families of the Developmentally Disabled. 3 hrs. Interdisciplinary approach to the study of the concerns of families of individuals with developmental disabilities.

SPEECH AND HEARING SCIENCES (SHS)

201. Introduction to Phonetics. 3 hrs.

202. Fundamentals of Speech and Hearing Sciences. 3 hrs.

202L. Fundamentals of Speech and Hearing Sciences Laboratory. 1 hr.

211. Introduction to Communication Disorders. 3 hrs.

221. Introduction to Audiology. 3 hrs. 310. Student Teaching: Clinical Observation. 3 hr. First clinical and student teaching experience. Prerequisite: SHS 201, 211, 301 or permission of instructor.

301. Language and Speech Development. 3 hrs.

302. Anatomy and Physiology of the Hearing Mechanisms. 3 hrs.

303. Anatomy and Physiology of the Speech Mechanism. 3 hrs.

306. Basic Neuroanatomy in Speech-Language Pathology. 3 hrs. Prerequisites: SHS302, 303 or permission of instructor.

308. Instrumentation in Speech and Hearing Science. 3 hrs. Prerequisites: SHS 202, 202L or permission of instructor.

310. Student Teaching: Clinical Observation. 7 hrs. Prerequisites: SHS 201, 211, 221, 301, and 431 or 432, or permission of instructor. Prerequisite: Minimum overall 2.25 grade point average. Students observe speech pathology, audiology and deaf education testing, and habilitation techniques with a variety of clients. Report writing, analysis of client behaviors, and session planning are stressed. (Section 01 is Audiology, Section 02 is Speech/Language Pathology.)

311. Clinical Assisting—Speech. 1-3 hrs. Clinical experience assisting speech/language clinicians. Prerequisite: SHS 310 and GPA greater than 3.0 or permission of instructor.

312. Clinical Assisting—Education of the Deaf. 1-3 hrs. Prerequisite: SHS 310. Clinical experience assisting in education of the deaf.

313. Clinical Assisting—Audiology. 1-3 hrs. Prerequisite: SHS 310. Clinical experience assisting in audiology clinic.

323. Basic Sign Language. 3 hrs. Concepts of total communication, sign language and finger spelling are stressed.

329. Intermediate Sign Language. 3 hrs. Prerequisite: SHS 323 or permission of the instructor. Course is a continuation of the Basic Sign Language course with additional signs and situational experiences.

340. Advanced Methods of Communicating with the Hearing Impaired. 3 hrs. Prerequisite: Permission of instructor. Develops extensive sign vocabulary; introduces ethics of interpreting; and individualizes training for specific situations.

410. Intervention Language Disorders. 3 hrs. Prerequisite: Minimum overall 2.25 grade point average.

411. Articulation Disorders. 3 hrs. Prerequisites: SHS 201, 301 or Permission of Instructor; minimum overall 2.25 grade point average.

412. Diagnostic Procedures in Speech Pathology I. 3 hrs. Prerequisites: SHS 201, 211, 221, 301, and 431 or 432, or permission of instructor; minimum overall 2.25 grade point average.

414. Stuttering and Related Problems. 3 hrs. Prerequisite: Minimum overall 2.25 grade point average.

417. Speech and Language Disorders Related to Cleft Palate. 3 hrs. Prerequisite: SHS 303; minimum overall 2.25 grade point average.

419. Organic Speech Disorders. 3 hrs. Prerequisites: SHS 202, 303, 411; minimum overall 2.25 grade point average.

421. Aural Rehabilitation. 3 hrs. Prerequisite: SHS 221; minimum overall 2.25 grade point average.

422. Diagnostic/Prescriptive Teaching of the Hearing Impaired. 3 hrs. Prerequisite: Senior standing or permission of instructor.

425. Psycho-Social Factors Associated with Hearing Impairment. 3 hrs. Prerequisite: Permission of instructor; minimum overall 2.25 grade point average.

428. Clinical Audiology I. 3 hrs. Prerequisite: SHS 221.

430. Speech Pathology and the Hearing Impaired Child. 3 hrs. Prerequisite: Minimum overall 2.25 grade point average.

431. Language Disorders I: Assessment of Children with Language Disorders. 3 hrs. Prerequisite: SHS 301; minimum overall 2.25 grade point average.

432. Language Disorders II: Habilitation of the Aphasic Child. 3 hrs. Prerequisite: SHS 301; minimum overall 2.25 grade point average.

433. Developing Language Skills with the Hearing Impaired. 3 hrs.

435. Developing Oral/Aural Communication in Hearing Impaired Children. 3 hrs.

436. Developing Reading in the Hearing Impaired. 3 hrs. Prerequisite: SHS 433 or permission of instructor.

437. Introduction to Education of the Hearing Impaired. 3 hrs.

492. Special Problems. 1-3 hrs. (Students undertaking a Senior Honors project will enroll in SHS H492.)

495. Student Teaching: Deaf. 7 hrs. Intensive practicum in school setting covering full range of teaching responsibilities with a certified teacher of the hearing impaired.

496. Student Teaching: Deaf. 7 hrs. A continuation of SHS 495.

497. Professional Collaboration for Developmental Disability Services. 3 hrs. Prerequisite: Upper level undergraduate students only. Study of the interdependent contributions of relevant disciplines in training, service, and research.

499. British Studies: Comparative Problems in Speech and Hearing Sciences. 3-6 hrs.

SPEECH COMMUNICATION (SCM)

111. Oral Communication. 3 hrs. Communication principles and practice in the preparation and delivery of public speeches. (CC- SPT 1113)

300L. Oral Language Laboratory. 1 hr. An oral language laboratory.

303. Argumentation and Debate. 3 hrs. Theory and practice in inquiry and advocacy involving analysis, reasoning, organization and presentation of oral arguments for decision making.

305. Interpersonal Communication. 3 hrs. A course designed to improve students' competence in and understanding of interpersonal relationships.

310. Research Methods. 3 hrs. This course introduces the learner to social science research methods. Students will learn methodological concepts, design, and statistics.

311. Persuasion. 3 hrs. Study of classical and contemporary theories and strategies of persuasion with applications to public address, advertising, and public relations.

312. Interviewing Principles and Applications. 3 hrs. Study and application of interview strategies and techniques.

315. Advanced Public Speaking. 3 hrs. Advanced theory and practice of oral communication presentations.

320. Business and Professional Speaking. 3 hrs. A course that develops student skills in a broad group of special communication settings pertinent to the world of work, e.g., running meetings, making technical reports, and group problem solving.

330. Small Group Communication. 3 hrs. Provides students with the basic skills and principles of communication pertinent to the small problem-solving group.

350. Nonverbal Communication. 3 hrs. An examination of nonverbal communication and its role as context for speech communication.

403. Political Communication. 3 hrs. A comprehensive study of the role of communication in political campaigns and in the general political process.

405. Relational Communication. 3 hrs. Reviews the development of interpersonal processes that effect relationships in social, intimate, work, and family contexts.

410. Organizational Communication I: Theory and Process. 3 hrs. A survey of approaches to the study of organizational communication and aspects of the communication process within organizations.

411. Managing the Forensics Program. 3 hrs. How to initiate, design, manage, and coach a competitive forensics program.

412. Advanced Persuasion. 3 hrs. Extension of the introductory course in persuasion. Students will study theories, concepts, and issues in persuasion from classical to current times.

415. Rhetorical Criticism. 3 hrs. Discusses the variety of strategies critics use to analyze and interpret public communication. Contemporary speeches are examined.

420. Organizational Communication II: Assessment and Training. 3 hrs. A survey of methods for determining the quality and kind of communication within organizations and training methods for improving organizational communication.

425. Communication and Conflict Resolution. 3 hrs. Explores communication effects on conflict, including types and causes of conflict, individual conflict styles, and various negotiation strategies.

430. Communication and Small Group Decision-Making. 3 hrs. Examines theory, research, and practice concerning the role and importance of communication in task-oriented groups. Emphasis on decision-making.

435. Speech Communication in Legal Contexts. 3 hrs. Theoretical implications, research findings, and persuasive strategies used in various legal contexts are studied.

440. Health Communication. 3 hrs. Examines health communication theory and practices with attention given doctor-patient interactions in interpersonal, small group, interviewing, and organizational contexts.

450. Seminar in Speech Communication. 3 hrs. An examination of various theories of speech communication and various settings for their application. May be repeated for up to 6 hours credit.

455. Freedom and Responsibility of Speech. 3 hrs. Examines the theory of free speech as it applies to various modes of expression.

459. Methods in Speech Communication. 3 hrs. Prerequisite: CIS 313. A general orientation to the teaching of speech communication, followed by individualized unit work in the special fields of speech communication.

459L. Methods in Speech Communication Lab. 1 hr. Prerequisite: CIS 313. Pre-student teaching field experience.

460. Public Advocacy and Advanced Argumentation. 3 hrs. Examination of advanced theories, issues, and concepts in public advocacy and argumentation.

475. Gender Issues in Speech Communication. 3 hrs. Examination of gender issues as applied to interpersonal, professional, organizational, persuasive, and political communication.

488. Student Teaching in Speech Communication I. 7 hrs. Field experience teaching Speech Communication.

489. Student Teaching in Speech Communication II. 7 hrs. Field experience teaching Speech Communication.

490. Theories of Speech Communication. 3 hrs. A survey of theoretical perspectives on speech communication, e.g., psychological, rhetorical, linguistic, and human relations.

492. Special Problems. 1-3 hrs. Prerequisite: Permission of instructor. Directed research in a topic of interest to the student. (Students undertaking a Seniors Honor Project will enroll in SCM H492.)

499. British Studies in Communication. 3-6 hrs. Various topics. Communication research and practice in Great Britain. Taught only in Great Britain under auspices of the Institute of Anglo-American Studies.

TECHNICAL AND OCCUPATIONAL EDUCATION (TOE)

241. Principles of Training and Development. 3 hrs. An introduction and overview of training professions in both the public and private sector. To include on-site visitation of host industrial organizations and other institutions.

323. Engineering Drawing I. 3 hrs.

324. Engineering Drawing II. 3 hrs. Prerequisites: IVE 323. May include hands-on CAD.

350. Architectural Drawing. 3 hrs. Practice in drafting contemporary house plans, floor plans, evaluations, sections, details, etc. May include hands-on CAD.

433. Curriculum Construction for Cooperative Education. 3 hrs. Objectives, content, arrangement and techniques of teaching in part-time cooperative and evening programs.

434. Occupational Surveys. 3 hrs. Planning and conducting occupational surveys for educational purposes.

441. Philosophy and Principles of Occupational Instruction. 3 hrs. A methods course for teaching trade, technical and other vocational subjects.

442. Management of the Occupational Learning Environment. 3 hrs. Organization and management of students, equipment, and physical facilities.

443. Design of the Occupation Based Instructional Program. 3 hrs. Occupational analysis based design and sequencing of instructional components, and the development of appropriate support materials.

444. Development of Occupational Instruction Materials. 3 hrs. Selection, development and use of instructional aids, with an emphasis on media production.

445. Delivery of the Occupational Instruction Program. 3 hrs. Learning theory based techniques of instructional delivery in the vocational classroom and laboratory.

446. Evaluation of Occupational Training and Learner Performance. 3 hrs. Development and utilization of various measuring devices and techniques, statistical treatment of data, and generation of evaluative reports.

447. Industrial Human Relations. 3 hrs. A study of human behavior and interpersonal dynamics within the industrial organization and environment. Primarily for industrial educators.

448. Industrial and Vocational Safety. 3 hrs. Analysis of fundamentals of accident prevention and their application in the school and industrial environments.

449. Student Leadership Development in Vocational Education. 3 hrs. A course designed to impart detailed information regarding activities and responsibilities of the vocational student organization advisor.

452. History and Philosophy of Vocational Education. 3 hrs. Objectives, principles, aims, and organization of programs in schools and colleges.

453. Problems of the Coordinator. 3 hrs. A study of the problems, procedures, techniques, etc., in the operation of part- time cooperative education.

465. Microcomputer Applications in Education. 3 hrs. Skill development in the use of microcomputers and multiple software packages appropriate to teaching and managing education.

467. Desktop Publishing and Presentation Graphics. 3 hrs. Prerequisite: Any 3 hr. computer course or permission of instructor. Office based microcomputer production of typeface/graphics enhanced media, designed to be both pleasing in appearance and effective in communication.

469. Computer Based Instructional Technology. 3 hrs. Prerequisite: Any 3 hr. computer course or permission of instructor. Interactive instructional design and applications. Introduction of hypermedia tools, authoring systems, CAI software reviews/evaluations, and hands-on interactive module production.

478. Specialized Studies in Developmental Disabilities. 1-6 hrs. Specialized study and skill acquisition in the area of developmental disabilities. Topics vary.

483. Occupational Safety. 3 hrs. Organization and administration of safety programs including implementation of the Occupational Safety and Health Act. Primarily for industrial educators.

492. Special Problems in Technical Education. 1-3 hrs. Prerequisites: Senior standing and chair's permission.

+ 494. Student Teaching in Vocational-Technical Education. 12 hrs. Prerequisite: TOE 441. For students who plan to teach in a post-secondary vocational or technical program and who are not presently employed in such a program.

495. Internship in Vocational-Technical Education. 1-9 hrs. Prerequisite: TOE 441. A nine-months' supervised experience for practicing teachers of vocational or technical subjects.

497. Professional Collaboration for Developmental Disability Services. 3 hrs. Prerequisite: Upper level undergraduate students only. Study of the interdependent contributions of relevant disciplines in training, service, and research.

THEATRE (THE)

100. Theatre Appreciation. 3 hrs. An introduction to theatre as an art form, reflecting the aesthetic aspects and social conditions of a culture. (CC 2233)

103. Introduction to Theatre. 4 hrs. (3 hrs. lecture and 1 hr. laboratory). An introduction to the principles of theatre, with involvement in the rehearsal, production, and performance process as they apply to major departmental productions. (CC-SPT 1213.)

110. Nonmajor's Beginning Acting. 3 hrs. An introductory acting technique course specifically designed for interested non-theatre students.

111. Fundamentals of Oral Interpretation. 3 hrs. General educational approach to the art as a means of communicating literary content. (CC-SPT- 2143)

115. Voice for the Actor. 3 hrs. Vocal methods and techniques for use in the theatre.

120. Fundamentals of Acting. 3 hrs. An introductory acting technique course using modern scene study and improvisations. (CC- SPT-1233)

200. Stagecraft. 3 hrs. Introduction to scenographic theory and techniques with practical application. (CC-SPT-2223)

200L. Stagecraft Laboratory. 1 hr. Laboratory for THE 200. Must be taken concurrently.

201. Introduction to Costume and Makeup. 3 hrs. Introduction to theatrical costume and makeup theory with its practical application.

201L. Costume and Makeup Laboratory. 1 hr. Laboratory for THE 201. Must be taken concurrently.

202. Costumes for the Dance. 2 hrs. Study of costumes in the dance and their effect on performance. Basic patterns and construction techniques will be mastered.

215. Stage Dialects. 3 hrs. Prerequisite: THE 115 or consent of instructor. Introduction to stage dialects.

+304. Intermediate Makeup. 3 hrs. Painted character makeup.

306. Introduction to Scenery and Lighting. 3 hrs. Prerequisites: THE 200. Theory and practice in the utilization of stage scenery and lighting with daily involvement in their practical application to major departmental productions.

306L. Scenery and Lighting Laboratory. 1 hr. Laboratory for THE 306. Must be taken concurrently.

310. Intermediate Acting I. 3 hrs. Prerequisite: THE 120. A continuation of fundamentals of acting on a more intense level, to include character development and technique.

315. Voice for the Actor/Singer. 3 hrs. Vocal techniques for the singing actor.

320. Directing. 3 hrs. Prerequisites: THE 100 or THE 103 and THE 120.

361. Stage Movement/Combat. 2 hrs. Performance course designed to cover basic stage movement, physical alignment, body awareness, economy of movement, and physical expression of character.

401. Costume Design. 3 hrs. Prerequisite: THE 201 or consent of instructor.

+403. Advanced Movement/Combat. 2 hrs. Prerequisite: THE 361. Course in unarmed and armed stage combat, with continued emphasis on alignment and fluidity through T'ai Chi.

406. Scenic Design. 3 hrs. Prerequisite: THE 306. Elements of Scene Design. Play analysis in terms of visualization and style, and the mechanics of developing an effective stage setting.

410. Stage Sound Engineering. 3 hrs. Principles and practice in stage sound engineering.

411. Advanced Voice for the Actor. 3 hrs. Prerequisite: THE111, THE115, THE 310, and consent of instructor. Advanced vocal technique studies including in-depth work with scansion and verse.

412. Stage Lighting. 3 hrs. Prerequisite: THE 306. Theory and application of general and special lighting, color, instrumentation, and control.

414. Improvisation. 3 hrs. Prerequisite: 310. Prerequisite: THE 310. A performance course using Improvisation as a means to free impulse, develop characterization and refine moment.

416. Intermediate Acting II. 3 hrs. Prerequisites: THE 310 and instructor approval and/or audition. Advanced scene study including various modern genres.

417. Period Acting Styles I. 3 hrs. Prerequisites: THE 111, THE 115, THE 310. Study of acting styles from ancient Greece through Shakespeare. Utilizing speech, movement, acting style and masks.

418. Period Acting Styles II. 3 hrs. Prerequisites: THE 111, THE 115, THE 310. Study of acting styles from restoration through 1900. Utilizing speech, movement and acting style.

420. Advanced Directing. 3 hrs. Prerequisite: THE 320.

427. Theatre History I. 3 hrs. Prerequisites: All 200 level requirements complete or consent of instructor.

428. Theatre History II. 3 hrs. A continuation of THE 427.

429. Dramatic and Performance Theory. 3 hrs. Prerequisites: All 200 level requirements complete or consent of instructor. Examination and evaluation of dramatic and performance theory.

430. Summer Theatre I. 3 hrs. Concentrated applied theatre.

431. Summer Theatre II. 3 hrs. A continuation of THE 430.

433. Design Studio I. 3 hrs. Prerequisites: THE 200 and 201. Rendering commonly used theatrical materials.

434. Design Studio II. 3 hrs. Prerequisite: THE 306. Scenographic techniques.

435. Advanced Scene Design. 3 hrs. Prerequisite: THE 406 or consent of instructor. The techniques of scene design as applied to non-realistic stage settings.

445. Advanced Stage Lighting. 3 hrs. Prerequisite:THE412.

450. The Audition Process. 3 hrs. Prerequisites: THE 310 and consent of instructor. An acting class designed to help prepare students for professional auditions and interviews.

451. The Rehearsal Process. 2 hrs. Prerequisites: THE 416 and consent of instructor. An acting class designed to dissect and analyze the rehearsal process from casting through production.

460. Costume Design Studio. 3 hrs. Prerequisite: THE 401 or consent of instructor. Projects in designing costumes for plays, opera, and dance. Emphasis placed on costume designs as an element in a total production concept.

+461. Advanced Theatrical Makeup. 3 hrs. Prerequisites: THE 304 or consent of instructor. Projects in makeup design and execution. Emphasis placed on three-dimensional makeup techniques for theatre, television, and film.

471. Performance and Production Internship. 1-9 hrs. May be taken for a total of nine (9) hours. Professional experience in residence with approved professional organizations.

481. Repertory Theatre. 3-9 hrs. Participation in the analysis and preparation of the performances of three plays in repertory. Student must enroll in three 3-hour sections.

482L. Practicum in Box Office and Publicity. 1-3 hrs. May be taken for a total of nine (9) hours.

483L. Practicum in Technical Theatre. 1-3 hrs. May be taken for a total of nine (9) hours.

484L. Practicum in Lighting and Sound Engineering. 1-3 hrs. May be taken for a total of (9) hours.

485L. Practicum in Properties. 1-3 hrs. May be taken for a total of nine (9) hours.

486L. Practicum in Design. 1-3 hrs. May be taken for a total of nine (9) hours.

488L. Practicum in Acting and Directing. 1-3 hrs. May be taken for a total of nine (9) hours.

489L. Practicum in Costume and Makeup. 1-3 hrs. May be taken for a total of nine (9) hours.

492. Special Problems. 1-3 hrs. To allow individual students or groups of students to study special advanced problems in theatre not normally addressed by regular courses. (Students undertaking a Senior Honors Project will enroll in THE H492.)

497. Theatre Exchange Studies Abroad. 9-15 hrs. Opportunity to study theatre for one semester in an approved exchange program abroad. Offered under auspices of Center of International Education.

499. British Studies in Theatre. 3-6 hrs.

THERAPY (THY)

411. Introduction to Kinesiotherapy. 3hrs. An introduction to the theory of organizing and conducting kinesiotherapy as it applies to physical and mental rehabilitation.

412. Kinesiotherapy I. 3hrs. Prerequisite: Admission to specialization. Emphasis placed on physical evaluation procedures of spine and extremities, musculo-skeletal function, goniometry and gait analysis.

413. Kinesiotherapy II. 3hrs. Prerequisite: Admission to specialization. Rehabilitation as a part of the comprehensive medical core and its application in restoration of physical and mental impairments towards functional independence.

421. Clinical Experience Seminar. 2 hrs. Arr. Seminar class discussing various rehabilitation and professional issues in kinesiotherapy. May be repeated twice. To be taken concurrently with THY 460 and 470.

451. Neurological and Pathological Foundations in Kinesiotherapy. 3 hrs. Prerequisite: Admission to specialization. The introductory study of neuro sciences and pathology of diseases commonly encountered by kinesiotherapists.

460. Clinical Experience I. 10 hrs. Prerequisites: Completion of all course requirements except THY 421 and 470; GPA of 2.8. Extensive field based internship in kinesiotherapy. Includes application of theory into practical experience in various rehabilitation and wellness programs. THY 421 must be taken concurrently. Student must provide personal liability insurance.

470. Clinical Experience II. 10 hrs. Prerequisites: Completion of all course requirements except THY 421; GPA of 2.8. Extensive field-based internship in kinesiotherapy. Internships include application of theory into practical experience in various rehabilitative and wellness programs. THY 421 must be taken concurrently. Student must provide personal liability insurance.

477. Developmental Disabilities in Early Childhood. 2hrs. Overview of contributing factors to atypical early development, identification, and management of at-risk conditions, legal/ethical issues, and legislation/litigation.

478. Specialized Studies in Developmental Disabilities. 1-6 hrs. Specialized study and skill acquisition in the area of developmental disabilities. Topics vary.

497. Professional Collaboration for Developmental Disability Services. 3hrs. Prerequisite: Upper level undergraduate students only. Study of the interdependent contributions of relevant disciplines in training, service, and research.

498. Families of the Developmentally Disabled. 3hrs. Interdisciplinary approach to the study of families of the developmentally disabled.

TOXICOLOGY (TOX)

470. Survey of Toxicology. 3 hrs. Prerequisite: CHE 256. A one semester survey course in toxicology. (May be taken as CHE 470.)

WOMEN'S STUDIES (WS)

301. Introduction to Women's Studies. 3 hrs. Introduces the interdisciplinary area of Women's Studies through readings, guest lectures, and discussions.

450. Seminar in Women's Studies. 3 hrs. Examines specific Women's Studies topics in depth.

490. Directed Research in Women's Studies. 1-3 hrs. Permission of instructor. Enables students to engage in a research project or practicum involving Women's Studies .

Administration and Faculty

The Board of Trustees State Institutions of Higher Learning, State of Mississippi

Members Whose Terms Expire May 7, 2008

THOMAS W. COLBERT, State-at Large, Jackson
JAMES ROY KLUMB, Sixth Congressional District, Gulfport
D. E. MAGEE, JR., Central Supreme Court District, Jackson
VIRGINIA SHANTEAU NEWTON, Southern Supreme Court District, Gulfport

Members Whose Terms Expire May 7, 2004

WILLIAM S. CRAWFORD, Fifth Congressional District, Meridian
RICKI R. GARRETT, Seventh Congressional District, Clinton
LARRY E. HOMAN, First Congressional District, Tupelo
CARL NICHOLSON, JR., State-at-Large, Hattiesburg

Members Whose Terms Expire May 7, 2000

NAN MCGAHEY BAKER, Northern Supreme Court District, Winona
J. MARLIN IVEY, Fourth Congressional District, Kosciusko
JAMES W. LUVENE, Second Congressional District, Oxford
CASS PENNINGTON, Third Congressional District, Indianola

Officers of the Board

RICKI R. GARRETT, President
CARL NICHOLSON, JR., Vice President
THOMAS D. LAYZELL, Commissioner of Higher Education

Officers of Administration

HORACE WELDON FLEMING, JR., B.A., M.A., Ph.D. .....President
MYRON S. HENRY, B.S., M.S., Ph.D. .....Provost
DONALD R. COTTEN, B.S., M.S., Ed.D. .....Vice President for Research
LYNDA LEA GILBERT, B.S., M.S., Ph.D., C.P.A. .....Vice President for Business and Finance
JOSEPH SCOTT PAUL, B.S., M.S., Ph.D. .....Vice President for Student Affairs
CURT S. REDDEN, B.S.....Vice President for University Advancement
JAMES ORRIN WILLIAMS, B.S., M.Ed., Ed.D. .....Vice President, USM Gulf Coast
RICHARD GIANNINI, B.S., M.S. .....Director of Intercollegiate Athletics

Academic Deans

PETER ALEXANDER, B.M., M.M., Ed.D. .....Dean of the College of The Arts
JANE BOUDREAUX, B.S., M.S., Ph.D. .....Interim Dean of the College of Health and Human Sciences
GERRY CADENHEAD, B.S., M.S., Ph.D. .....Dean of the College of Nursing
STEPHEN ALAN DOBLIN, B.S., M.A., Ph.D. .....Dean of the College of Science and Technology
DARRELL JAY GRIMES, B.A., M.A., Ph.D.....Dean of the Institute of Marine Sciences
GLENN TERRY HARPER, B.A., M.A., Ph.D. .....Dean of the College of Liberal Arts
JOSEPH B. HILL, JR., B.S., M.S., Ph.D.....Academic Dean, USM Gulf Coast
TIM WILLIAM HUDSON, B.A., M.A., Ph.D. .....Dean of the College of International and Continuing Education
ANSELM CLYDE GRIFFIN, III, B.S., Ph.D. .....Dean of the Graduate School
WILLIAM D. GUNTHER, B.S., M.A., Ph.D. .....Dean of the College of Business Administration
JAMES ROBERT MARTIN, B.A., M.A., M.S.L.S., Ph.D. .....Dean of University Libraries
CARL R. MARTRAY, B.A., M.A., Ph.D. .....Dean of the College of Education and Psychology
MAUREEN ANN RYAN, B.A., M.A., Ph.D. .....Dean of the Honors College

Emeritus Faculty

ALCORN, JOHN, Professor Emeritus of Psychology
ANDERSON, BOBBY DEAN, Professor Emeritus of Educational Leadership and Research
ANDERSON, FRANCES J., Associate Professor Emeritus of Curriculum and Instruction.
ANDERSON, HAYWARD GLENN, Associate Professor Emeritus of Accounting
ASHLEY, GROVER CLEVELAND, JR., Library Director Emeritus, Cook Library
BAIN, FLORA LEE, Associate Professor Emeritus of Nursing
BAIN, JOYCE, Associate Professor Emeritus of Nursing
BALDWIN, MABLE MAE,Associate Professor Emeritus of Business Education
BARNES, SHELBY EUGENE, Professor Emeritus of Community Health
BAXTER, JAMES EDWARD, Associate Professor Emeritus of Education
BEIDLER, WILLIAM, Professor Emeritus of Management Information Systems
BELL, KINLOCK WADE, Assistant Professor Emeritus of Human Performance and Recreation
BELL, MARSHALL LENORD, Assistant Professor Emeritus of Coaching and Sports Administration
BERRY, JOHN CALVIN, Associate Professor Emeritus of Educational Leadership and Research
BENJAMIN, ELIZABETH GUTHRIE, Assistant Professor Emeritus of Nursing
BISHOP, JAMES C., Assistant Professor Emeritus of Journalism
BOGART, THEODORE, Professor Emeritus of Engineering Technology
BONNER, LILLY ANNELL, Professor Emeritus of Business Education
BOROUGHS, HERMAN, Professor Emeritus of Counseling Psychology and Counselor Education
BOWEN, RICHARD LEE, Professor Emeritus of Geology.
BOWERS, LAURA J., Assistant Professor and Librarian Emeritus
BOYD, WILLIAM DOUGLAS, Associate Professor Emeritus of Library and Information Science
BOYTE, CARLOS, Associate Professor Emeritus of Technology Education
BRADLEY, DORIS PARKER, Professor Emeritus of Speech and Hearing Sciences
BRAUN,. JULIUS CHRISTIAN, Professor Emeritus of Educational Administration and Supervision
BRENT, CHARLES, Professor Emeritus of Engineering Technology
BROWN, BAHNGRELL WALTER, Professor Emeritus of Geology
BROWN, FRED WALDO, Professor Emeritus of Science Education
BROWN, IVA, Professor Emeritus of Science Education
BROWN, MARICE COLLINS, Distinguished University Professor Emeritus of English
BRYANT, GLORIA HULLUM, Associate Professor Emeritus of Home Economics
BRYANT, MARY LOUISE SCHOFIELD, Assistant Professor Emeritus of Nursing
BRYSON, MELBA RUTH, Assistant Professor Emeritus of Nursing
BULLARD, GEORGE EDWIN, Associate Professor Emeritus of Business Administration
BUNCH, CORRIE LYNNE, Librarian III, Emeritus, Cook Library
BURCH, JOHN CECIL, Associate Professor Emeritus of Management
BURKS, ROBERT ELBERT, Associate Professor Emeritus of Polymer Science
BURNS, WILLIAM BAXTER, Associate Professor Emeritus of Technology Education
BURRUS, JOHN NEWELL, Distinguished University Professor Emeritus of Sociology and Anthropology
CAMERON, COLLEEN, Professor Emeritus of Economics and International Business
CAMPBELL, CLAUDE LOUIS, Associate Professor Emeritus of Curriculum and Instruction
CARMICHAEL, MARY ANN, Assistant Professor Emeritus of Curriculum and Instruction
CARPENTER, JAMES RAY, Instructor Emeritus of Coaching and Sports Administration
CARROLL, JAMES C., Professor Emeritus of Business Administration
CARTER, BONNIE, Associate Professor Emeritus of English

CAUDILL, ORLEY B., Professor Emeritus of Political Science
CIURCZAK, PETER LOUIS, Professor Emeritus of Music
CLEMENTS, JOSEPH H., Professor Emeritus of Finance and General Business
CLIBURN, WILLIAM J., Professor Emeritus of Biological Sciences
COKER, EDWARD W.Assistant Professor Emeritus of Finance
COMPTON, BEULAH R., Professor Emeritus of Social Work
COOLEY, WILLIE EARL, Professor Emeritus of Curriculum and Instruction
COOPER, WALTER E., Distinguished Service Professor and Professor Emeritus of Physical Education
COVINGTON, VIRGINIA S., Assistant Professor Emeritus of Speech Communication
COX, MILTON, Visiting Assistant Professor Emeritus of Criminal Justice—Gulf Coast
CROSS, RALPH DONALD, Professor Emeritus of Geography
CULBERSON, JAMES OLIN, Professor Emeritus of Psychology
CUNNINGHAM, DAVID FRANKLIN, Professor Emeritus of Educational Leadership and Research
DAVIS, BONNIE JEAN, Professor Emeritus of Educational Leadership and Research
DAVIS, JAMES L., Associate Professor Emeritus of Management & MIS
DEAR, JAMES ESTUS, Professor Emeritus of Accounting
DENNIS, NANCY WORTHINGTON, Associate Professor Emeritus of Special Education
DENNIS, PERRY BROOKS, JR., Associate Professor Emeritus of Music
DENSON, HILL, Instructor Emeritus of Coaching and Sports Administration
DEVINE, FRANCIS EDWARD, Professor Emeritus of Criminal Justice
DICKERSON, GALE, Associate Professor Emeritus of Family and Consumer Sciences
DRAIN, LOIS ARENDER, Assistant Professor Emeritus of Home Economics Education
DRAKE, BETTY S., Librarian IV Emeritus of McCain Library and Archives
DUBARD, N. ETOILE, Professor Emeritus of Speech and Hearing Sciences
DUNIGAN, NANCY CASEY, Professor Emeritus of Mathematics
EASTERLING, HENRY BENJAMIN, Professor Emeritus of Research and Human Development
EIDSON, BEVERLY ANN, Instructor Emeritus of Nursing
ENTREKIN, VIRGINIA, Instructor Emeritus of Mathematics
ESTES, THOMAS GLENVALL, JR., Professor Emeritus of Accounting
ETZOLD, DAVID JULIUS, Professor Emeritus of Management
EWELL, WILLIE EVELYN, Assistant Professor Emeritus of Business Education
FERGUSON, WILLIAM FRANKLIN, Associate Professor Emeritus of Educational Leadership and Research
GAAR, BASIL LEE, Associate Professor Emeritus of Special Education
GEHMAN, WILLIAM G., Associate Professor Emeritus of Engineering Technology
GEORGE, ALBERT DONALD, Professor Emeritus of Speech Communication
GIBBS, SARAH LITTLETON WEAVER, Dean Emeritus, School of Home Economics, and Professor Emeritus of Institution Administration
GONZALES, JOHN EDMOND, Distinguished University Professor Emeritus and holder of the William D. McCain Chair of History
GORE, BILL WES, Associate Professor Emeritus of Educational Leadership and Research
GOTTLEBER, HENRY ARTHUR, Professor Emeritus of Management
GOWER, ALBERT EDWARD, JR., Professor Emeritus of Music
GRANTHAM, WILLIAM RADER, Assistant Professor Emeritus of Coaching and Sports Administration
GREEN, JOHN ELWYN, Dean Emeritus, College of Fine Arts, and Professor Emeritus of Music
GURMAN, ERNEST BASIL, Professor Emeritus of Psychology
GUTSCH, KENNETH URIAL, Professor Emeritus of Counseling Psychology and Counselor Education
HAGLER, CAROLYN, Associate Professor Emeritus of Technology Education
HAMMAN, ALTRA HOWSE, Chairman and Professor Emeritus of Family Life Services

HARMON, MARY MIXON, Instructor Emeritus of Foreign Languages
HATCHER, WILLIAM HAMILTON, Professor Emeritus of Political Science
HAYS, PATRICIA McCOY, Assistant Professor Emeritus of Music
HETRICK, WILLIAM MELVIN, Associate Professor Emeritus of Educational Leadership and Research
HILL, VIRGINIA SWANN, Associate Professor Emeritus of Management
HOLDER, BONNIE LEE, Associate Professor Emeritus of Curriculum and Instruction
HOOD, M. ROY, Instructor Emeritus of Curriculum and Instruction
HUNTER, ELVIN MAX, Professor Emeritus of Industrial and Vocational Education
HUTCHINSON, MARY, Coordinator and Lecturer Emeritus of Nursing
IMBRAGULIO, GEORGE EUGENE, Associate Professor Emeritus of Music
IRBY, BOBBY NEWELL, Professor Emeritus of Science Education
JACKSON, HOWARD OLIVER, Associate Professor Emeritus of Accounting
JOHNSON, ROGER BARTON, JR., Professor Emeritus of Foreign Languages and Literatures
JONES, SHIRLEY JOAN, Professor Emeritus of Social Work
JORDAN, BRYCE DONNELL, Professor Emeritus of Finance and General Business
KARNES, MORRIS RAY, Professor Emeritus of Educational Administration and Supervision
KELLEY, ARTHELL, Professor Emeritus of Geography
KENAMOND, FREDERICK DILL, Professor Emeritus of Accounting
KING, ROBERT WILLIAM, Associate Professor Emeritus of Mathematics
KNIGHT, HAROLD VICTOR, Professor Emeritus of Educational Leadership and Research
LACKEY, JOHN EDD, Professor Emeritus of Business and Industrial Education
LADNER, JAMES LARRY, Assistant Professor Emeritus of Human Performance and Recreation
LANDSKOV, NORVIN LAWRENCE, Professor Emeritus of Curriculum and Instruction
LARSON, JAMES W., Professor Emeritus of Human Performance and Recreation
LAUGHLIN-PORTER, JEANNINE, Associate Professor Emeritus of Library and Information Science
LECROY, BARBARA B., Librarian III Emeritus and Instructor Emeritus of Curriculum and Instruction.
LEE, BILLY EUGENE, Associate Professor Emeritus of Educational Leadership and Research
LEONARD, REX LEE, Professor Emeritus of Educational Leadership and Research
LEWIS, JANE E., Instructor Emeritus of English
LOK, WALTER JAMES, Chairman and Professor Emeritus of Allied Arts
LOWE, JAMES DOUGLAS, JR., Professor Emeritus of Psychology
LUCAS, WILLIAM H., Associate Professor Emeritus of Accounting
LUCKTENBERG, JERRIE, Professor Emeritus of Music
MCCARTHY, MARY MARGARET, Chair and Professor Emeritus of Institution Administration
MCCARTY, KENNETH GRAHAM, JR., Professor Emeritus of History
MCDUFF, LAURENCE HEIDELBERG, Assistant Professor Emeritus of Accounting
MCGOWEN, DOUGLAS K., Assistant Professor Emeritus of Engineering Technology
MCGREW, WYNEMA, Associate Professor Emeritus of Nursing
MCILWAIN,. THOMAS DAVID, Director Emeritus of Gulf Coast Research Laboratory
MCLAIN, ELIZABETH HAMMOND, Assistant Professor Emeritus of Nursing
MCPHAIL, JAMES HAROLD, Professor Emeritus of Educational Leadership and Research
MARKWALDER, WINSTON E., Associate Professor Emeritus of Special Education
MARTIN, BILLY JOE, Professor Emeritus of Biological Sciences
MENENDEZ, SERVANDO LORENZO, Librarian II Emeritus
MERRIFIELD, VERNON EUGENE, Associate Professor Emeritus of Art
MILKENT, MARLENE, Professor Emeritus of Computer Science and Statistics
MILNER, LOUELLA GILL, Associate Professor Emeritus of Home Economics Education
MORGAN, JERRI LAUBE, Professor Emeritus of Nursing

MULLINS, VIRGINIA, Instructor Emeritus of Mathematics
MYERS, FLORENCE S., Associate Professor and Chief Cataloger Emeritus, Cook Library
NAU, JOHN FREDERICK, Distinguished University Professor Emeritus of Philosophy and Religion
NEUMANN, EDITHA S., Professor Emeritus of Foreign Languages
NICHOLSON, GEORGE WILSON, Professor Emeritus of Mathematics
NOBLE, ELEANOR FLINT, Professor Emeritus of Curriculum and Instruction
NORSWORTHY, JOHN M., Associate Professor Emeritus of Special Education
NOWAKOWSKI, MARION ZYGMUNT, Associate Professor Emeritus of Music
OLSEN, BOB GILLHAM, Assistant Professor Emeritus of Adult Education
ORANGE, LINWOOD ELDEN, Professor Emeritus of English
OZERDEN, HALIL, Associate Professor Emeritus of Psychology
PARISH, GERALDINE, Assistant Professor Emeritus of Social Work
PEDDICORD, HERSCHEL QUINTON, JR., Associate Professor Emeritus of Curriculum and Instruction
PEDDICORD, PAUL WALLACE, Professor Emeritus of Educational Leadership and Research
PERRY, FLORENCE ELIZABETH, Librarian II Emeritus of Library Service
PHILLIPS, HENRY S., Instructor Emeritus of English
PINSON, JAMES, Professor Emeritus of Chemistry
PORTER, CARRIE LOUISE, Instructor Emeritus of English
POSEY, FLORA MAE, Associate Professor Emeritus of Nursing
POUND, GOMER JEFFREY, Professor Emeritus of Music
PRENSHAW, PEGGY WHITMAN, Professor Emeritus of English
PRESSER, WILLIAM HENRY, Professor Emeritus of Music
PROBST, CHARLIE H., Associate Professor Emeritus of Counseling Psychology and Counselor Education
PTAK, HELEN, Professor Emeritus of Community Health
RHODES, ROBERT CLYDE, Professor Emeritus of Speech and Hearing Sciences
ROGERS, LYNELL B., Assistant Professor Emeritus of Child and Family Studies
RYAN, MARGARET WILSON, Professor Emeritus of Art
ST. CLAIR, WILLIAM FEAGIN, Associate Professor Emeritus of Physics
SALINAS, YSIDRO, Associate Professor Emeritus of Engineering Technology
SAXON, WILLIAM, Professor Emeritus of Social Work
SCHMIDT, WILLIAM THEODORE, Assistant Professor Emeritus of History
SCHOELL, WILLIAM FREDERICK, Professor Emeritus of Marketing
SHAFFER, JOHN RICHARD, Professor Emeritus of Research and Foundations
SIRMON, WILLIAM A., Associate Dean Emeritus and Professor of Marketing and Finance
SIMS, JAMES HYLBERT, Distinguished Professor Emeritus of English and Vice President Emeritus of Academic Affairs
SKATES, CRAIG BARNWELL, Instructor Emeritus of English
SKATES, JOHN RAY, Professor Emeritus of History
SLAY, BILLY BORDEN, Professor Emeritus of Health, Physical Education, and Recreation
SLUTZKER, PATRICIA HELENE, Associate Professor Emeritus of Nursing
SMITH, BROOKS E., Professor Emeritus of Business Administration
SMITH, BYRON COLEMAN, Professor Emeritus of Biological Sciences
SMITH, MAUDE ANDERSON, Librarian II Emeritus
SMITH, ROBERT CARL, Instructor Emeritus of Mathematics
SOMMERS, PAULINE, Assistant Professor Emeritus of Nursing
SONNIER, ISADORE LEON, Professor Emeritus of Science Education
STEWART, DONNA L., Professor Emeritus of Technology Education

STOCKER, LEONARD DON, Professor Emeritus of Music

SWITZER, JAMES REGINALD, Professor Emeritus of Health and Safety Education

SWYERS, WILLIAM E., Visiting Professor Emeritus of Accounting

TAYLOR, CELESTIAN JOSEPH, Instructor Emeritus of Athletic Administration and Coaching

TAYLOR, GLORIA BRUEMMER, Associate Professor Emeritus of Business and Industrial Education

THAGARD, OLIVER BOGGS, Instructor Emeritus of Sociology and Anthropology

THOMPSON, CHARLES EDWIN, Associate Professor Emeritus of Curriculum and Instruction

TOWNLEY, JAMES AIRD, Assistant Professor Emeritus of Human Performance and Recreation

TRACY, WARREN FRANCIS, Professor Emeritus of Library Science

TUCKER, FORREST DALE, Professor Emeritus of Speech Communication

TULEY, ROBERT, Professor Emeritus of Music

TURK, MARLCOM K., Instructor Emeritus of Coaching and Sports Administration

VAN ALLER, ROBERT T., Professor Emeritus of Chemistry and Biochemistry and Dean Emeritus of the Graduate School

VARDAMAN, ELIZABETH, Librarian II Emeritus

VREELAND, RICHARD, Professor Emeritus of Marketing

WALDEN, ROBERT J., Professor Emeritus of Art

WALKER, WILLIAM WARREN,

WALL, JESSIE STEWART, Professor Emeritus of Curriculum and Instruction

WALLACE, JOHN EDMUND, Associate Professor Emeritus of History

WALT, MARY ANN, Assistant Professor Emeritus of Library Science

WEATHERFORD, MARTHA PENTECOST, Instructor Emeritus of English

WEATHERFORD, SIDNEY E. L., JR., Assistant to the President and Professor Emeritus of Educational Leadership and Research

WEBSTER, PORTER GRIGSBY, Professor Emeritus of Mathematics

WHEELER, EDDY LEE, Associate Professor Emeritus of Journalism

WILDER, ANNETTE BEDFORD, Librarian III Emeritus

WILGUS, VIRGINIA, Assistant Professor Emeritus of Institution Administration

WILLIAMS, D. C., Professor Emeritus of Economics

WILLIAMS, HOWARD P., Professor Emeritus of Chemistry and Biochemistry

WILLIAMS, TOMMIE H., Instructor Emeritus of History

WILSON, SAVAN WILBY, Librarian IV Emeritus, McCain Library

WIMBERLY, JACK C., Professor Emeritus of Economics

WINN, SHAN M., Assistant Professor Emeritus of Anthropology and Sociology

WOOTEN, JEAN W., Professor Emeritus of Biological Sciences

YARBROUGH, KAREN M., Professor Emeritus of Biological Sciences and Vice President Emeritus of Research and Planning and Academic Affairs

YARROW, WALTER HARRY, Professor Emeritus of Health and Safety Education

ZIMMERMAN, JEROME, Professor Emeritus of Social Work

Faculty

AARONS, DAVID J., Instructor of Biological Sciences. B.S., Samford University; Ph.D., University of Alabama at Birmingham.

ABBENYI, JULIANA, Associate Professor of English. B.A., M.A., Doctorate, University of Yaounde; Ph.D., McGill University.

ABDUL-GHANI, MOHAMED, Assistant Professor of Hospitality Management, Gulf Coast. B.S., M.S., Helwan University; Ph.D., The University of Tennessee.

ADAMS, MARY ANN, Associate Professor of Family Relations. B.A., Birmingham Southern; M.S., Troy State University; Ph.D., Florida State University.

ADAMS, STEPHEN TODD., Instructor of Engineering Technology. B.S., M.S., The University of Southern Mississippi.

AHUA, EMMANUEL, Assistant Professor of Community Health. B.S., Eastern Washington University; M.S., Central Missouri State University; H.S.D., Indiana University, Bloomington.

ALBER, SHEILA R., Assistant Professor of Special Education. B.S., East Texas State University; M.Ed., College of Charleston; Ph.D., The Ohio State University.

ALBIN, MARVIN J., Associate Professor of Accounting. B.S., M.B.A., Mississippi State University; Ph.D., University of Houston. C.P.A.

ALEXANDER, PETER, Dean and Professor of Music, College of The Arts. B.M., Eastman School of Music; M.M., University of Wisconsin; Ed.D., Columbia University.

ALEXANDER, RAYMOND MONROE, Clinical Instructor of Speech and Hearing Sciences. B.S., M.S., The University of Southern Mississippi.

ALFORD, DARLYS, Associate Professor of Psychology, Gulf Coast. B.A., Fresno Pacific College: M.S., California State University; Ph.D., University of California, Santa Barbara.

ALI, ADEL L., Professor of Computer Science and Statistics. B.Sc., Cairo University; M.S., Ph.D., Lehigh University.

ALI, DIA L, Professor of Computer Science and Statistics. B.Com., Ain Shams University; M.B.A., Eastern Washington University; Ph.D., Lehigh University.

ALI, KAMAL SHARAF, Professor of Engineering Technology, B.S., M.Sc., University of Khartoum; M.S.E., West Virginia University; Ph.D., Reading University.

ALLEN, BILLIE MORGAN, Professor of Management. B.S.B.A., M.B.A., The University of Southern Mississippi; Ph.D., North Texas State University.

ALLEN, MICHAEL T., Assistant Professor of Psychology, Gulf Coast. B.A., University of North Carolina; M.A., Appalachian State University; Ph.D., University of Tennessee.

AMACKER, PATRICIA KAY McCONNELL, Associate Professor of Dance. B.A., Arizona State University; M.F.A., University of Utah.

ANDERSON, DELIA M., Instructor of Biological Sciences. B.A., University of Rhode Island; M.A., University of South Carolina.

ANDERSON, GARY, Professor of Biological Sciences. B.S., University of Rhode Island; M.S., Ph.D., University of South Carolina.

ANDERSON, HOWARD NIX, Professor of Psychology. B.A., Samford University; B.D., Southern Baptist Theological Seminar; M.A., Ph.D., University of Alabama.

ANDERSON, PATSY L., Assistant Professor of Nursing. B.S.N., University of Mississippi; M.N., Louisiana State University; D.N.S., Louisiana State University.

ANDERSON, TERRY L., Assistant Professor of Engineering Technology. B.S., Mississippi State University; M.S., University of Mississippi. P.E.

ANGLIN, ELIZABETH MEE, Instructor of French. B.A., University of Colorado; M.A., University of California, Santa Barbara.

APPELT-SLICK, GLORIA, Director, Educational Field Experiences, and Associate Professor of Curriculum and Instruction. B.S., M.Ed., Ed.D., University of Houston.

APPLIN, HARRY, Instructor of Engineering Technology. B.S., Southeastern Louisiana University; M.S., The University of Southern Mississippi.

APPLIN, MARY ELIZABETH, Assistant Professor, Information Services Librarian, Cook Library. B.A., Southeastern Louisiana University; M.L.I.S., Louisiana State University.

ARBAUGH, TOM, Assistant Professor of Psychology, Gulf Coast. B.S., Mount Nazarene College; M.S., Bowling Green State University; Ph.D., Ohio Univesity.

ASHTON-JONES, EVELYN, Director of Composition and Associate Professor of English. B.A., Western Illinois University; M.A., Ph.D., University of South Florida.

ASPER, VERNON L., Associate Dean for Research and Sponsored Programs of the Institute of Marine Sciences and Professor of Marine Science. B.A., Messiah College; M.S., University of Hawaii; Ph.D., Woods Hole Oceanographic Institution/Massachusetts Institute of Technology.

AUSTIN, KAREN ODELL, Professor of Spanish. B.A., Agnes Scott College; M.A., Middlebury College; Ph.D., University of Kentucky.

AVERY, LISA, Assistant Professor of Social Work, Gulf Coast. B.S., Ball State University; M.S.W., Ph.D., University of Illinois–Chicago.

AZRIA, MURIEL R., Assistant Professor of Child and Family Studies. B.S., University of Colorado-Boulder; Ph.D., Auburn University.

BABIN, BARRY JAMES, Associate Professor of Marketing. B.S., Louisiana State University; M.B.A., University of Central Florida; Ph.D., Louisiana State University.

BABIN, LAURIE A., Associate Professor of Marketing. B.S., Michigan State University; M.B.A., University of Central Florida; Ph.D., Louisiana State University.

BAGGETT, WILLIAM C., JR., Professor of Art. B.F.A., M.F.A., Auburn University.

BAHM, KARL FRANKLIN, Assistant Professor of History. B.A., Seattle University; A.M., University of Michigan; Ph.D., University of Chicago.

BAKER. RICHARD W., Captain, USAF, Assistant Professor of Aerospace Studies. B.S., Park College.

BALL, ANGELA SUE, Professor of English. B.A., Ohio University; M.F.A., University of Iowa; Ph.D., University of Denver.

BARNES, LEE THOMAS, Adjunct Clinical Instructor of Medical Technology. B.S., Loyola University; M.Ed., The University of Southern Mississippi.

BARNETT, LOIS MARGARET, Professor of History. B.A., University of Hartford; M.A., Ph.D., Columbia University.

BARRON, JONATHAN N., Associate Professor of English. B.A., Tufts University; M.A., Ph. D., Indiana University.

BARTHELME, FREDERICK, Professor of English. M.A., The Johns Hopkins University.

BARTHELME, STEVEN T., Professor of English. B.A., University of Texas at Austin; M.A., The Johns Hopkins University.

BATEMAN, ROBERT CAREY, Associate Professor of Chemistry and Biochemistry. B.S., Louisiana State University; Ph.D., University of North Carolina.

BATES, LEEANN, Visiting Instructor of Management Information Systems. B.M., M.B.A., The University of Southern Mississippi.

BEAL, GLORIA D., Assistant Professor of Curriculum and Instruction. B.S., Xavier University of Louisiana; M.S., Jackson State University; M.P.H., University of North Carolina at Chapel Hill; Ed.D., Jackson State University.

BECK, ALLISA L., Associate Professor, Reference Librarian, Gulf Coast. B.A., University of South Alabama; M.L.S., The University of Southern Mississippi.

BECK, CAROLYN ELAINE, Associate Professor of Medical Technology. B.S., Texas Lutheran College and University of Texas Medical Branch; M.S., University of Houston; Ed.D., Baylor College of Medicine - University of Houston Consortium.

BECKETT, DAVID C., Associate Professor of Biological Sciences. B.S., University of Notre Dame; M.S., Ph.D., University of Cincinnati.

BEDENBAUGH, ANGELA OWEN, Research Scientist in Chemistry and Biochemistry. B.S., University of Texas; Ph.D., University of South Carolina.

BEDENBAUGH, EDGAR HUGH, JR., Professor of Educational Leadership and Research. B.A., M.Ed., Ed.D., University of Florida.

BEDENBAUGH, JOHN HOLCOMBE, Professor of Chemistry and Biochemistry. B.S., Newberry College; M.A., University of North Carolina; Ph.D., University of Texas.

BEHM, DENNIS EUGENE, Professor of Music. B.A., M.F.A., University of Iowa.

BEHM, VALERIE KAYLENE, Associate Professor, Head, Circulation, Cook Library. B.S., M.L.S., The University of Southern Mississippi.

BELL, LUE BIRDIA, Instructor of Mathematics. B.S., Alcorn State University; M.S., University of Missouri, Columbia.

BELLIPANNI, LAWRENCE JOHN, Assistant Professor of Science Education and Biological Sciences. B.S., M.S., The University of Southern Mississippi; Ed.D., Mississippi State University.

BELTON, ADA HARRINGTON, Assistant Professor of Curriculum and Instruction. B.A., Dillard University; M.Ed., Southern A & M College; Ph.D., Fordham University, Lincoln Center at New York, NY.

BENDER, KAYE, Adjunct Clinical Instructor of Nursing. B.S., University of Mississippi Medical Center; M.S., The University of Southern Mississippi.

BENNETT, RICHARD G., Assistant Professor of Human Performance. B.S., Tennessee Tech University; M.S., University of Tennessee; Ed.D., Auburn University.

BERMAN, MITCHELL E., Assistant Professor of Psychology. B.A., Bloomsburg University; M.A., Ph.D., Kent State University.

BERRY, DAVID CHAPMAN, JR., Professor of English. B.S., Bob Jones University; B.S., Delta State University; Ph.D., University of Tennessee.

BERRY, VIRGINIA SWITZER, Assistant Professor of Speech and Hearing Sciences. B.A., Louisiana State University; M.S., Vanderbilt University.

BERTOLINO, NANCY, Visiting Instructor of Family and Consumer Sciences. B.S., M.S., University of Houston; M.S., The University of Southern Mississippi.

BERTRAM, DEAN, Instructor of Forensic Science. B.S., M.S., The University of Southern Mississippi.

BETOUNES, DAVID ELTON, Professor of Mathematics. B.Arch., University of Southern California, Los Angeles; M.S., Ph.D., Florida State University.

BIESIOT, PATRICIA M., Associate Professor of Biological Sciences. B.S., M.S., Bowling Green State University; Ph.D., Woods Hole Oceanographic Institution - Massachusetts Institute of Technology.

BILLON, WAYNE ELWOOD, Associate Professor of Food and Nutrition and Director of the Didactic Program in Dietetics. B.S., Mississippi State University; M.S., Ph.D., Clemson University.

BISHOP, NELL KIRSCHENBAUM, Instructor of Mathematics. B.S., Mississippi College; M.Ed., Delta State University.

BISLAND, RALPH BRADFORD, JR., Professor of Computer Science and Statistics. B.S., Louisiana State University; M.B.A., Loyola University; D.B.A., Mississippi State University.

BIVINS, JOHN A., Associate Professor of Music. B.M., M.M., Auburn University; D.M.A., Louisiana State University.

BLACK, HAROLD TYRONE, Professor of Economics. B.B.A., M.A., Texas Technological University; Ph.D., Tulane University.

BLACKWELL, ANN P., Assistant Professor of Family and Consumer Sciences. B.S., The University of Southern Mississippi; M.S., Mississippi State University; Ph.D., University of Mississippi.

BLESSE, STEVEN K., Instructor of Engineering Technology. B.S., M.S., The University of Southern Mississippi.

BOLTON, CHARLES C., Director of Oral History and Associate Professor of History. B.S., The University of Southern Mississippi; M.A., Ph.D., Duke University.

BOND BRADLEY G., Associate Professor of History. B.A., M.A., The University of Southern Mississippi; Ph.D., Louisiana State University.

BOOTHE, ROBERT S., Associate Professor of Management. B.S., The University of Southern Mississippi; M.S.I.E., University of Alabama; D.B.A., Florida State University. C.P.I.M.

BOUDREAUX, JANE, Interim Dean of the College of Health and Human Sciences and Professor of Food Service Management. B.S., M.S., The University of Southern Mississippi; Ph.D., Texas Woman's University.

BOWER, JEFFREY J., Head Football Coach and Instructor of Coaching and Sports Administration. B.S., The University of Southern Mississippi.

BOWERS, RICHARD HUGH, Professor of History. B.A., M.A., Ph.D., Mississippi State University.

BOWLES, SHIRLEY J., Associate Professor of Curriculum and Instruction and Associate Professor of Educational Leadership and Research, Gulf Coast. B.S., Mississippi Valley State University; M.Ed., The University of Southern Mississippi; Ed.D., Mississippi State University.

BOWMAN, BILLIE SUE, Assistant Professor of Nursing. B.S., M.S., The University of Southern Mississippi; Ph.D., University of Mississippi.

BOWMAN, JEFF RAY, Professor of Art. B.A., Eastern Kentucky University; M.A., Ed.D., Ball State University.

BOYD, BETTEE GANDY, Instructor of English. B.A., M.A., The University of Southern Mississippi.

BRANTON, DOROTHY ANN, Associate Professor, Head, Cataloging Department, Cook Library. B.A., Our Lady of the Lake University; M.L.S., University of North Texas.

BREWER, THOMAS M., Assistant Professor of Art. B.A., Southern Illinois University; M.A., University of Illinois; Ph.D., Florida State University.

BROCK, ANNA M., Professor of Nursing, B.S.N., M.Ed., University of Maryland; M.S.N., Texas Woman's University; Ph.D., University of Maryland.

BROOKS, K. CAROLYN, Coordinator of Field Instruction School of Social Work and Instructor of Social Work. B.A., University of West Florida; M.S.W., The University of Southern Mississippi.

BROOME, LESLIE B., Instructor of Spanish. B.A., The University of Southern Mississippi; M.A., Louisiana State University.

BROOME, RUTH ANN, Instructor and Clinical Coordinator of Nutrition and Dietetics and Director of the AP4 Program in Dietetics. B.S., M.S., The University of Southern Mississippi.

BROPHY, ROBBIE FAYE, Assistant Professor, Collection Development Coordinator, Gulf Coast. B.S., Mississippi University for Women.

BROTHERTON, ANNE M., Assistant Professor of Interior Design. B.S., Southeast Missouri State University; M.S., The University of Alabama.

BROUWER, MARIUS, Professor of Coastal Sciences. Ph.D., University of Groningen, The Netherlands.

BROWN, CINDY, Assistant Professor of Journalism/Photojournalism. A.A., Art Institute of Atlanta; B.S., Florida State University; M.A., Ph.D., Indiana University.

BROWN, TAMMIE S., Instructor and University Supervisor of Student Teaching. B.S., M.Ed., Ed.D., The University of Southern Mississippi.

BRUMBELOE, JOSEPH, Assistant Professor of Music. B.M., Indiana University/Purdue University; M.M., Ph.D., Indiana University.

BRUNNER, CHARLOTTE ANNE, Associate Professor of Marine Science, Institute of Marine Sciences. B.A., University of Rhode Island; Ph.D., University of Rhode Island Graduate School of Oceanography.

BRUTON, SAMUEL, Assistant Professor of Philosophy and Religion. B.A., University of Colorado; M.A., University of North Carolina; Ph.D., University of North Carolina.

BRYANT, SABRINA H., Laboratory Instructor of Medical Technology. B.S., The University of Southern Mississippi.

BUELOW, GEORGE DAVID, Associate Professor of Psychology. B.A., Ph.D., M.A., and Ph.D. University of Oregon.

BUISSON, GERALD, Instructor, Speech and Hearing Sciences. B.A., University of New Orleans; M.Ed., Southern University.

BUMGARDNER, WALTER HENRY, Director of the School of Human Performance and Recreation and Professor of Recreation. B.A., M.S., Southern Illinois University; Ph.D., Texas A&M University.

BUNNELLE, JAMES, Assistant Professor, Catalog Librarian, Cook Library. B.A., University of Alabmam; M.L.I.S., University of Alabama.

BUNNER, DOUGLASS. Captain, USA, and Assistant Professor of Military Science. B.A., West Virginia University.

BURAS, AVERY, Assistant Professor of Psychology, Gulf Coast. B.S., Don Bosco College/Seminary; M.S., The University of Southern Mississippi; Ph.D., Texas A & M University.

BURCHELL, LARK CHARLES, Professor of Recreation. B.S., East Central State College (Oklahoma); M.T., Southwestern State College (Oklahoma); Ph.D., Texas A & M University.

BURGE, CECIL DWIGHT, Professor of Computer Science and Statistics. B.S., M.S., Ph.D., Mississippi State University.

BURGESS, CLIFFORD, Associate Professor of Computer Science and Statistics. B.A., Open University (Milton Keynes, England); M.S., Ph.D., North Texas State.

BURKE, W. DAVID, Senior Scientist and Assistant Director of Laboratory Operations, Gulf Coast Research Laboratory. B.S., M.S., Mississippi State University.

BURNETT, JOANNE E., Assistant Professor of Second Language Acquisition and French. B.A., Central Methodist College; M.A., University of Illinois; Ph.D., Pennsylvania State University.

BURR, RONALD LEWIS, Associate Professor of Philosophy and Religion. B.A., California State University, Los Angeles; M.A., University of Hawaii; Ph.D., University of California, Santa Barbara.

BUSHARDT, STEPHEN CHRISTIAN, Professor of Management. B.S.B.A., M.B.A., University of South Carolina; D.B.A., Mississippi State University.

BUTKO, PETER, Assistant Professor of Chemistry and Biochemistry. M.S., Doctor of Natural Sciences, Komensky University; Ph.D., Joseph Attila University, Hungary.

BUTTS, MARY JANE, Assistant Professor of Nursing. B.S., The University of Southern Mississippi; M.S.N., University of Mississippi; D.S.N., University of Alabama at Birmingham.

BYRD, CLIFTON LEE, Laboratory Instructor of Medical Technology. B.S., The University of Southern Mississippi.

CABANA, DONALD A., Visiting Assistant Professor of Criminal Justice. B.S., Northeastern University; M.S., Ph.D., The University of Southern Mississippi.

CADE, RUTH ANN TAYLOR, Director of School of Engineering Technology and Professor of Engineering Technology. B.S., Mississippi State University; M.A., Ph.D., University of Alabama.

CADENHEAD GERRY, Dean, College of Nursing and Associate Professor of Nursing. B.S., Baylor University; M.S., University of Colorado; Ph.D., University of Texas at Austin.

CAGLE, REBECCA H., Assistant Professor of Nursing. B.S.N., Mississippi University for Women; M.S.N., University of Mississippi Medical Center; D.S.N., University of Alabama at Birmingham.

CALLAHAN, TERESA R., Associate Professor of Special Education, Gulf Coast. B.S., M.Ed., The University of Southern Mississippi; Ed.D., Syracuse University.

CAMERON, CHRISTOPHER PAUL, Associate Professor of Geology. B.S., University of New Orleans: Ph.D., University of Alaska.

CAMPBELL, CATHERINE E., Assistant Professor of Psychology. B.S., Texas A & M University; M.S., Ph.D., University of North Texas.

CANNON, GORDON CLAUDE, Professor of Chemistry and Biochemistry. B.S., Ph.D., Clemson University.

CARLIN, MARGARET FRANCES, Professor of Speech and Hearing Sciences. B.A., Cornell University; M.S., University of Pittsburgh; Ph.D., Wichita State University.

CARTEE, CHARLES P., Professor of Finance. B.S., Mississippi College; M.A., Memphis State University; Ph.D., The University of Southern Mississippi.

CARTER, DANNY REED, Associate Professor of Computer Science and Statistics. B.S., M.S., The University of Southern Mississippi; doctoral study, Virginia Polytechnic Institute.

CARTER, GEORGE HENRY, III, Professor of Economics. B.S., M.S., The University of Southern Mississippi; Ph.D., Texas A&M University.

CARVER, VIVIEN P., Professor of Community Health. B.A., University of Kentucky; M.A., Eastern Kentucky; Ed.D., University of Alabama.

CATER, KAY, Instructor of Nursing. B.S., University of Mississippi; M.N., University of Mississippi.

CAUSEY, JACK O., II, Adjunct Clinical Associate Professor of Medical Technology. B.S., Mississippi College; M.D., University of Mississippi.

CAVENY, DAVID JAMES, Associate Professor of Mathematics. B.S., Western Carolina College; M.A., Ph.D., University of Kentucky.

CAVENY, REGINA S., Assistant Professor of Economics. B.S., University of Kentucky; M.S., Clemson University; Ph.D., University of Alabama.

CHAIN, CHRISTY BLACKLIDGE, Visiting Instructor of Food and Nutrition. B.S, M.S., The University of Southern Mississippi.

CHASTEEN, AMY L., Assistant Professor of Sociology. B.S., University of Alabama; M.A., University of Tennessee; Ph.D., University of Michigan.

CHATHAM, CYNTHIA, Associate Professor of Nursing. B.S.N., University of Mississippi; M.S.N., D.S.N., University of Alabama, Birmingham.

CHEN, AIPING, Assistant Professor, Catalog Librarian of Cook Library. B.A., M.A.P., Peking University; M.L.I.S., University of Pittsburgh

CHRISITE-DAVID, ROHAN. Assistant Professor of Finance. ACIB, Charter Institute of Bankers (London); M.B.A., Wake Forest University; Ph.D., University of South Carolina.

CICCARELLI, ORAZIO ANDREA, Chair of Department of History and Professor of History. B.A., St. Francis College; M.A., Ph.D., University of Florida.

CLARK, MARK EDWARD, Associate Professor of Classics, Associate Professor of History. B.A., University of North Carolina, Greensboro; M.A., University of Minnesota; Ph.D., Indiana University.

CLARK, STANLEY JOE, Associate Professor of Accounting. B.S.B.A., M.P.A., The University of Southern Mississippi; Ph.D., University of Kentucky. C.P.A.

CLEEK, SUZANNE BUICE, Instructor of Computer Science and Statistics. B.S., M.Ed., The University of Southern Mississippi.

CLOUD, STEVEN J. Assistant Professor of Speech and Hearing Sciences. B.S. Ed., Western Carolina University; M.S.P., University of South Carolina; Ph.D., University of Tennessee—Knoxville.

COATES, EYLER R., Assistant Professor of Engineering Technology. B.S., M.S., doctoral study, Louisiana State University.

COBB, MARIA A., Assistant Professor of Computer Science and Statistics. B.S., The University of Southern Mississippi; M.S., Ph.D., Tulane University.

COCKERHAM, MARY ANN, Instructor of Finance. B.S.B.A., M.B.A., The University of Southern Mississippi.

COLE, TIMOTHY L., Adjunct Clinical Associate Professor of Medical Technology. M.D., University of Mississippi.

COMYNS, BRUCE H., Assistant Professor of Coastal Sciences. B.S., University of Maine; M.A., Virginia Institute of Marine Science; Ph.D., Louisiana State University.

CONKLIN, MARTHA T., Research Scientist, Division of Applied Research, National Food Service Management Institute, and Research Associate Professor of Food Service Management. B.S., M.S., University of Missouri, Columbia; Ph.D., New York University.

CONTRERAS, JOSÉ A., Assistant Professor of Mathematics. B.S., University of Guanajuato; M.A., Ph.D., The Ohio State University.

CONVILLE, RICHARD LANE, JR., Professor of Speech Communication. B.A., Samford University; M.A., Ph.D., Louisiana State University.

COPELAND, DEBRA, Instructor of Nursing. B.S.N., Loyola University; M.N., Louisiana State University Medical Center.

COREY, SHARON, Instructor of Management Information Systems, Gulf Coast. B.A., University of South Florida; M.A., Georgia College; Ph.D., Florida State University.

COTTEN, DONALD R., Vice President for Research and Professor of Biological Sciences and Polymer Science. B.S., M.S., The University of Southern Mississippi; Ed.D., West Virginia University.

COX, ALLAN EUGENE, Professor of Music. B.M.E., University of Nebraska; M.M., Wichita State University.

COYNE, MARY LOUISE, Associate Professor of Nursing. B.S.N., William Carey College; M.S.N., D.N.Sc., The Catholic University of America.

CREED, DAVID, Professor of Chemistry and Biochemistry. B.S., M.S., Ph.D., University of Manchester, England.

CROCKETT, JAMES R., Professor of Accounting. B.B.A., M.B.A., University of Mississippi; D.B.A., Mississippi State University.

CROOK, GEORGE TRUETT, JR., Chair of Department of Theatre and Dance and Associate Professor of Theatre. B.A., M.A., University of California, Davis.

CRUM, WILLIAM L., Instructor of Chemistry and Biochemistry. B.A., Shepherd College; M.S., Hood College.

CUBBERLEY, CAROL, Professor, Director of Technical Services, USM Libraries. B.Ed., University of Miami; M.S., Florida State University; D.A.I.S., Nova University.

CUELLAR, NORMA G., Assistant Dean of Undergraduate Program of College of Nursing and Assistant Professor of Nursing. B.S.N., The University of Southern Mississippi; M.S.N., Louisiana State University; D.S.N., University of Alabama, Birmingham.

CURLEY, TERESA, Visiting Instructor of Economics. B.S.B.A., M.B.A., The University of Southern Mississippi

CURRY, KENNETH J., Associate Professor, Biological Sciences. B.S., M.S., University of Central Florida; Ph.D., University of Southern California.

CYREE, KEN B., Assistant Professor of Finance. B.B.A., West Georgia College; M.B.A., Ph.D., University of Tennessee.

DAGGETT, LUANN M., Instructor of Nursing and Coordinator for Meridian Campus. B.S.N., University of San Francisco; M.S.N., University of California, San Francisco; D.S.N., University of Alabama at Birmingham.

DAHLEN, ERIC REYNOLDS, Assistant Professor of Psychology. B.S., Pacific Lutheran University; M.S., Ph.D., Colorado State University.

DALBOR, MICHAEL C., Assistant Professor of Hospitality Management. B.S., Pennsylvania State University; M.B.A., Loyola College; Ph.D., Pennsylania State University.

DALGO, JUDY TONEY, Adjunct Clinical Instructor of Nursing. B.S.N., University of South Alabama; M.S.N., University of Alabama at Birmingham; D.N.S., Louisiana State University Medical Center.

DALY, JAMES TIMOTHY, Lieutenant Colonel, U.S. Army, Chair of Department of Military Science and Professor of Military Science. B.S., Florida Southern University; M.B.A., Embry Riddle University.

DANA-WESLEY, MARION ELIZABETH, Assistant Professor of Curriculum and Instruction. B.S., M.Ed., The University of Southern Mississippi; E.Sp., Ph.D., University of Alabama.

DANFORTH, MARIE ELAINE, Associate Professor of Anthropology. A.B., Albion College; M.A., Ph.D., Indiana University.

DANIEL, FRANCIS, Assistant Professor of Management, Gulf Coast. B.S., United States Naval Academy; Ph.D., Florida State University.

DANIEL, LARRY G., JR., Associate Professor of Educational Leadership and Research. B.A., Southeastern College; M.Ed., Ph.D., University of New Orleans.

DASSIER, JEAN-LOUIS, Assistant Professor. B.A., (equivalent), University of Paris VIII; Maitrisse, University of Paris VIII; M.A., University of Delaware; Ph.D., Ohio State University.

DAVIDSON, CHARLES WINFREY, Professor of Educational Leadership and Research. B.S., Louisiana Polytechnic University; M.Ed., Ed.D., University of Arkansas.

DAVIES, DAVID RANDALL, Chair and Associate Professor of Journalism. B.A., University of Arkansas; M.A., Ohio State University; Ph.D., University of Alabama.

DAVIS, ANITA P., Assistant Professor of Music. B.M.E., M.M., Ph.D., Florida State University.

DAVIS, BEVERLY JANICE, Instructor of Mathematics. B.S., M.S., The University of Southern Mississippi

DAVIS, CHARLES R., Associate Professor of Political Science. B.A., University of Louisville; M.A., Ph.D., University of Kentucky-Lexington.

DAVIS, DONNA F., Associate Professor of Management Information Systems. B.S., Florida State University; M.ACCY. Ph.D., University of Mississippi. C.P.A.

DAVIS, JOHN CHESTER III, Professor of Curriculum and Instruction. B.S., M.Ed., Ed.D., East Texas State University.

DAVIS, KATHY, Assistant Professor/Librarian II. B.A. Centre College of Kentucky; M.L.S., University of Tenessee, Knoxville.

DAVIS, KIMBERLEY MICHELE, Assistant Professor of Music. B.S., University of South Alabama; M.M., D.M.A., The University of Southern Mississippi.

DAVIS, RICHARD, LT. COL., USAF, Chair of Aerospace Studies and Professor of Aerospace Studies. B.S., The University of Southern Mississippi; M.A., Webster University.

DEAN, JACK LEE, Professor of Music and Director of Orchestral Activities. B.M.E., M.M., The University of Southern Mississippi; D.M.A., The University of Texas at Austin.

DeARMEY, MICHAEL HOWARD, Associate Professor of Philosophy and Religion. B.A., Memphis State University; M.A., Ph.D., Tulane University.

De CHIARO, JOHN PAUL, Professor of Music. B.S. Mus. Ed., Kean College; M.A., New York University.

DeCOUX, VALERIE, Adjunct Associate Professor of Nursing. B.S., M.S., Ph.D., The University of Southern Mississippi.

DELLENGER, EDIE, Adjunct Clinical Instructor of Medical Technology. B.S., The University of Southern Mississippi.

DE MARSCHE, MICHAEL P., Assistant Professor of Art and Director of USM Galleries of Art. B.A., M.A., Arizona State University; M.A., Stanford University.

DEMINOFF, STEPHEN J., Post Doctoral Associate in Biological Sciences. B.S., MacAlester College/ Minnesota; Ph.D., The University of Southern Mississippi.

DEPREE, CHAUNCEY MARCELLOUS, Professor of Accounting. B.A., State University of New York-Albany; M.S., D.B.A., University of Kentucky.

DESELLE, DEBRA D., Assistant Professor. B.A., University of New Orleans; M.S.W., Louisiana State University; Ph.D., University of New Orleans.

DICKIE, MARK T., Associate Professor of Economics. B.A., Ph.D., University of Wyoming.

DICKSON, ANDREW LINK, Professor of Psychology. B.A., University of South Carolina; M.A., University of Tennessee; Ph.D., University of Oklahoma.

DING, JIU, Professor of Mathematics. B.S., M.S., Nanjing University; Ph.D., Michigan State University.

DOBLIN, STEPHEN ALAN, Dean of the College of Science and Technology and Professor of Mathematics. B.S., M.A., Ph.D., University of Alabama.

DORE, DONALD EDWARD, JR., Adjunct Clinical Associate Professor of Medical Technology. B.S., M.D., Louisiana State University.

DOUGLAS, DEANNA, Assistant Professor of Art. B.F.A., The University of Southern Mississippi; M.F.A., University of Mississippi.

DOUGLAS, DIANNA HUTTO, Assistant Professor of Nursing. B.S., The University of Southern Mississippi; M.S., D.N.S., Louisiana State University Medical Center.

DRUMMOND, JAN L., Coordinator of Human Performance and Recreatoin and Assistant Professor Human Performance. B.S., M.S., Ed.D., Oklahoma State University.

DUBUISSON, WANDA LORRAINE CLEVELAND, Assistant Professor of Nursing. B.S., The University of Southern Mississippi; M.N. University of Mississippi Medical Center.

DUHON, DAVID LESTER, Associate Professor of Management. B.S., University of Southwestern Louisiana; M.B.A., Ph.D., Louisiana State University.

DUNCAN, MICHAELE, Instructor of Computer Science and Statistics. B.S., M.S., The University of Southern Mississippi.

DUNN, DEAN ALAN, Professor of Geology. B.S., B.S., University of Southern California, Los Angeles: Ph.D., University of Rhode Island.

DUPRE´, J. KEVIN, Assistant Professor of English. B.A., M.A., University of Southwestern Louisiana; Ph.D., University of Oklahoma.

EASTERLING, CYNTHIA RUSSELL, Professor of Fashion Merchandising. B.F.A., Stephens College; M.A., The University of Southern Mississippi; M.S., Louisiana State University; Ph.D., Florida State University.

EDWARDS, RONNIE PHILIP, Professor of Psychology. B.S., Oklahoma State University; M.A., Ph.D., University of Iowa.

ELAKOVICH, STELLA DAISY, Chair of the Department of Chemistry and Biochemistry and Professor of Chemistry and Biochemistry. B.S., Texas Christian University; Ph.D., Louisiana State University.

ELIAS, LOUIS, JR., Associate Vice President for Development, Gulf Coast Development. B.S., M.Ed., The University of Southern Mississippi; Ed.D., University of Mississippi.

ELLARD, J. ALLEN, Coordinator of Recreation Program and Assistant Dean of College of Health and Human Sciences and Associate Professor of Recreation. B.S., Miami University; M.S., Eastern Kentucky University; Re.D., Indiana University.

ELLENDER, RUDOLPH DENNIS, JR., Assistant Dean for Research and Development, College of Science and Technology, and Professor of Biological Sciences. B.S., M.S., Louisiana State University; Ph.D., Texas A & M University.

ELLIOTT, CHARLES A., Coordinator of Music Education/Associate Professor of Music. B.M.E., M.M.E., The University of Southern Mississippi; Ph.D., University of Texas at Austin.

EL-SAWI, KHALED, Instructor of Computer Science and Statistics. B.S., M.S., The University of Southern Mississippi.

ENDT, RITA L., Assistant Professor of Engineering Technology, Gulf Coast. B.S., M.S., Wayne State University.

ERICKSON, KEITH VINCENT, Chair of Department of Speech Communication and Professor of Speech Communication. B.A., Washington State University; M.A., Pennsylvania State University; Ed.D., University of Michigan.

ESPARRAGOZA-SCOTT, ROSALBA. Instructor of Spanish. B.A., Universidad Nacional de Colombia, Bogotá; M.A.T.L., University of Southern Mississippi.

EVANS, JEFFREY ALAN, Associate Professor of Chemistry and Biochemistry. B.A., Graceland College; Ph.D., University of Kansas Medical Center.

EVANS, MARY BETH, Visiting Assistant Professor of Curriculum and Instructor. B.A., Northwest Missouri State College; M.A., University of Iowa; Ed.D., Wayne State University.

EVETOVICH, TAMMY K., Assistant Professor of Human Performance. B.S., M.P.E., Ph.D., The University of Nebraska-Lincoln.

EXLINE, JOAN L., Coordinator of Graduate Programs and Assistant Professor of Community Health. B.S., Indiana University; M.H.S.A., University of Michigan; Ph.D., Wayne State University.

EZELL, JEANNE R, Instructor of English. B.S., M.S., The University of Southern Mississippi; doctoral study, Indiana University of Pennsylvania.

FALCONER, RENEE´, Assistant Professor of Curriculum and Instruction. B.Ed., University of Durham/United Kingdom Institute of Education; M.Ed., University of South Carolina; Ph.D., Utah State University.

FARMER, JOE, Instructor of Nursing, Gulf Coast. B.S., University of Arizona; B.S.N., M.S.N., The University of Southern Mississippi.

FAULKENDER, PATRICIA JOYCE, Professor of Psychology. B.S., M.S., Ph.D., University of Kansas.

FAWCETT, NEWTON CREIG, Professor of Chemistry and Biochemistry. B.S., University of Denver; M.S., Ph.D., University of New Mexico.

FAY, TEMPLE HAROLD, Professor of Mathematics. B.S., Guilford College, M.S., Wake Forest University; Ph.D., University of Florida.

FELDMAN, ANASTASIA. Visiting Instructor of Philosophy and Religion. B.A., University of California at Berkeley; M.A., Graduate Theological Union.

FERGUSON, GINGER H., Adjunct Clinical Assistant Professor of Nursing. B.S., The University of Southern Mississippi; M.N., University of Mississippi Medical Center.

FITE, MARSHALL, LT. COL., USA, Chair and Professor of Military Science. B.AA., M.A., Pembroke State University.

FLANAGAN, JAMES GERARD, Professor of Anthropology. B.A., M.A., University College, Cork, Ireland; Ph.D., University of Pennsylvania.

FLEMING, HORACE WELDON, President of the University and Professor of Political Science. B.A., M.A., University of Georgia; Ph.D., Vanderbilt University.

FLETCHER, DESMOND WILKERSON, Associate Professor of Engineering Technology. B.ARCH., M.ARCH., University of Texas at Austin.

FLETCHER, TYLER HERRICK, Chair of Department of Criminal Justice and Associate Professor of Criminal Justice. B.A., University of Texas; M.S., doctoral study, Michigan State University and University of Mississippi.

FOLSE, RAYMOND FRANCIS, JR., Professor of Physics and Astronomy. B.S., Loyola University; Ph.D., Louisiana State University.

FONDER-SOLANO, LEAH, Assistant Professor of Spanish. B.A., University of Minnesota, Morris; M.A., Ph.D., University of Arizona.

FONTECCHIO, GIOVANNI, Associate Professor of Spanish and Italian. B.S., Northern Michigan University; M.A., Ph.D., Louisiana State University.

FOOLADI, MARJANEH, Instructor of Nursing. B.S. The University of Isfahan College of Nursing; M.S., University of Texas at El Paso; F.N.P., Texas Tech University.

FORSTER, MICHAEL, Associate Professor of Social Work. B.A., Louisiana State University, New Orleans; M.S.W., University of Illinois, Chicago; Ph.D., University of Massachusetts, Amherst.

FORSYTHE, WILLIAM A. III, Professor of Family and Consumer Sciences. B.S., M.S., University of Florida; Ph.D., Michigan State University.

FORTUNATO, VINCENT J., Assistant Professor of Psychology. B.S., State University of New York, College at Oswego; M.A., State University of New York at Binghamton; Ph.D., University at Albany.

FOURNIER, DONALD J., JR., Assistant Professor of Workforce Training and Development. B.S., M.S., University fo Florida, P.E.

FRANKS, JAMES S., JR., Senior Scientist. B.S., Tennessee Wesleyan College; M.S., University of Mississippi.

FRASCHILLO, THOMAS VINCENT, Professor of Music and Director of Bands. B.M.Ed., M.M.Ed., The University of Southern Mississippi; D.M.A., University of South Carolina.

FUNCHESS, GLENDA FAY, Half-time Visiting Assistant Professor, of Criminal Justice, B.A., Texas Southern University; M.S., The University of Southern Mississippi, J.D., University of Tennessee College of Law.

GALLASPY, JAMES BOLAN, JR., Associate Professor of Human Performance and Coordinator of Athletic Training. B.S., M.Ed., The University of Southern Mississippi; Athletic Training Specialization, Indiana State University.

GANDOUR, MICHAEL, Adjunct Clinical Associate Professor of Medical Technology. M.D., University of Miami.

GANGSTEAD, SANDRA K., Director of the School of Human Performance and Recreation and Professor of Human Performance. B.S., University of Wisconsin, La Crosse; M.S., University of Wyoming; Ph.D., University of Utah.

GARRAWAY, HUGH P. III, Associate Professor of Computer Science and Statistics. B.S., M.Ed., The University of Southern Mississippi; Ph.D., University of Texas.

GARVEY, DONNA JAMESON, Director of Educational Field Experiences. B.A., Mississippi University for Women; M.S., The University of Southern Mississippi; Ph.D., University of Mississippi.

GAUDET, CYNDI, Assistant Professor of Workforce Training and Development. B.S., M.Ed., The University of Southern Mississippi; Ph.D., Louisiana State University.

GENTILE, PHILLIP, Assistant Professor of Radio, Television, and Film. A.B., Youngstown State University; M.F.A., Ohio University.

GILES, MICHAEL COMER, Assistant Director of Recreational Sports and Instructor of Human Performance. B.S., University of Alabama; M.S., The University of Southern Mississippi.

GILL, CHRISTOPHER, Assistant Professor of History. B.A., University of Michigan-Ann Arbor; M.A., University of Texas-Austin.

GINN, CLYDE NEULAN, Vice President for Administrative Affairs and Professor of Educational Leadership and Research. B.S., M.Ed., The University of Southern Mississippi; Ed.D., McNeese State University.

GLAMSER, FRANCIS DENTON, Professor of Sociology. B.S., John Carroll University; M.S., Virginia Polytechnic Institute; Ph.D., Pennsylvania State University

GODWIN, L. CHERI L., Assistant Professor, Catalog Librarian, Cox Library. M.L.S., San Jose State.

GOEBEL, DANIEL, Assistant Professor of Marketing and Finance. B.S., Eastern Illinois University; M.B.A., Illinois State University; Ph.D., University of South Florida.

GOFF, DAVID HENRY, Professor of Radio, Television, and Film. B.A., M.A., Ph.D., University of Massachusetts

GOFF, LINDA D., Associate Professor of Speech Communication. B.S., Ohio State University; M.A., Ph.D., University of Massachusetts.

GOFFE, WILLIAM, Associate Professor of Economics. B.A., University of Virginia; Ph.D., University of North Carolina.

GOGGIN, CHERYL LYNN, Associate Professor of Art. B.A., Rice University; M.A., Ph.D., Indiana University.

GOGGIN, WILLIAM C., Professor of Psychology. B.A., Rice University; Ph.D., Indiana University.

GONSOULIN, SIDNEY J., Director of Intramural-Recreational Sports. B.S., M.S., Louisiana State University.

GOODMAN, RALPH R., Research Professor of Marine Science, Institute of Marine Sciences. B.S.E., B.S.E., M.S., Ph.D., University of Michigan.

GORDON, GUS A., Associate Professor of Accounting, Gulf Coast. B.A., University of Texas at Austin; M.S., Baylor University; D.B.A., Louisiana Tech University. C.P.A., C.I.A.

GORE, LEE PARTEE, University Legal Counsel and Assistant Professor of Accounting. B.A., The University of Southern Mississippi; J.D., University of Mississippi. C.P.A., CIA.

GORZEGNO, JANET MARY, Associate Professor of Art, B.A., Drew University; M.F.A., Yale University.

GOSS, BENJAMIN D., Instructor of Coaching and Sports Administration. Ed.D., The University of Southern Mississippi.

GRAHAM, PATTERSON TOBY, Assistant Professor, Head of Special Collections, McCain Library and Archives. B.S., James Madison University; M.A., The University of Alabama; M.L.S., The University of Alabama; Ph.D., The University of Alabama.

GRAHAM-KRESGE, SUSAN, Coordinator of Undergraduate Programs and Instructor of Community Health. B.S., The University of Southern Mississippi; M.P.H. University of North Carolina, Chapel Hill.

GRANT, CHARLES TERRY, Associate Professor of Accounting, Gulf Coast. B.S., University of Alabama; M.P.A., University of Texas, Austin; Ph.D., Florida State University. C.P.A.

GRANT, GERRY, Instructor of Accounting, Gulf Coast. B.S., M.P.A., The University of Southern Mississippi.

GREEN, D. CAROL, Associate Professor, Serials Librarian, Cook Library. B.S., M.L.S., The University of Southern Mississippi.

GREEN, FREDERICK P., Associate Professor of Recreation. B.S., M.S., Southern Illinois University; Ph.D., University of Minnesota.

GREEN, TRELLIS GARNETT, Associate Professor of Economics. B.B.A., M.S., The University of Southern Mississippi; Ph.D., Florida State University.

GREENE, KATHANNE WESTBROOK, Associate Professor of Political Science. B.S., Auburn University; MPPA, Mississippi State University; Ph.D., University of Utah.

GREER, TAMMY FAYE, Assistant Professor of Psychology. B.A., University of New Orleans; M.S., Ph.D., Tulane University.

GREGG, MARY DAYNE, Assistant Chair of Department of Computer Science and Statistics and Instructor of Computer Science and Statistics. B.S., M.S., The University of Southern Mississippi.

GREINER, JOY MARILYN, Associate Professor of Library and Information Science. B.A., M.L.S., University of Mississippi; Advanced M.L.S., Ph.D., Florida State University.

GRIFFIN, ANSELM CLYDE III, Dean of the Graduate School and Professor of Chemistry and Biochemistry and Polymer Science. B.S., Mississippi College; Ph.D., University of Texas, Austin.

GRIMES, DARRELL JAY, Dean of the Institute of Marine Sciences and Professor of Coastal Sciences. B.A., M.A., Drake University; Ph.D., Colorado State University.

GUICE, JOHN DAVID WYNNE, Professor of History. B.A., Yale University; M.A., University of Texas; Ph.D., University of Colorado.

GUNTHER, WILLIAM D., Dean of the College of Business Administration and Professor of Economics and International Business. B.S., M.A., Kent State University; Ph.D., University of Kentucky.

GUPTON, SANDRA LEE, Associate Professor of Educational Leadership and Research. B.S., M.Ed., Valdosta State College; Ed.D., University of North Carolina at Greensboro.

GUYMON, CLAIR ALLAN, Assistant Professor of Polymer Science. B.S., Weber State University; M.S., Ph.D., University of Colorado.

GWIN, STANFORD PAYNE, Professor of Speech Communication. B.S., M.S., The University of Southern Mississippi; Ph.D., University of Florida.

GWOZDZ, LAWRENCE STEPHEN, Professor of Music. B.M.E., State University of New York, Fredonia; M.M., University of Nebraska; D.M.A., University of Iowa.

HAILEY, BARBARA JO, Professor and Assistant Chair of Psychology. B.S., University of Florida; M.S., Ph.D., University of Georgia.

HAIRSTON, ROSALINA, Associate Professor of Science Education and Biological Sciences. B.S., University of the Philippines; Ph.D., The University of Texas at Austin.

HALL, JAMES LARRY, Professor of Radio, Television, and Film. B.A., Louisiana College; M.A., Louisiana State University; Ph.D., Ohio University.

HALL, MARGARET JEAN, Professor of Medical Technology. A.B., University of North Carolina, Chapel Hill; M.S., University of Denver; Ph.D., University of North Carolina, Chapel Hill.

HALLAB, ZAHER, Assistant Professor of Hospitality Management. B.S., University of Arizona; M.A., M.B.A., The George Washington University; Ph.D., Virginia Polytechnic Institute and State University.

HAMILTON, MARY, Assistant Professor, Electronic Resources Librarian, Cook Library. B.A., M.L.I.S., The University of Southern Mississippi.

HAMWI, ISKANDAR SALOUM, Chair of Economics, Finance, and International Business and Professor of Finance. B.A., Damascus University; M.A.S., University of Michigan; M.A., Ph.D., University of Pennsylvania.

HAQUE, S.M. MAZHARUL, Professor of Radio, Television, and Film. B.A., M.A., University of Dacca; M.A., Ph.D., Ohio University.

HARBAUGH, BONNIE L., Instructor of Nursing. B.S.N., The University of Southern Mississippi; M.S.N., University of Texas, Austin.

HARDESTY, DAVID, Assistant Professor of Marketing and Finance. B.S., Salisbury State University; M.S., Ph.D., University of South Carolina.

HARPER, GLENN TERRY, Dean of the College of Liberal Arts and Professor of History. B.A., Furman University; M.A., Ph.D., Duke University.

HARRIS, ELIZABETH KAY, Associate Professor of English, Gulf Coast. B.A., M.A., Ph.D., University of Texas at Austin.

HARRIS, JANIE VINCENT, Assistant Professor of Nursing. B.S., The University of Southern Mississippi; M.S.N., University of Alabama, Birmingham.

HARRISON, CECIL ALVIN, Professor of Engineering Technology. B.S., North Carolina State University; M.Eng.Sc., University of Mississippi.

HARRISON, JOHN MICHAEL, Assistant Professor of Geography and Planning. B.S., Rensselaer Polytechnic Institute; M.A., University of Georgia; Ph.D., University of Florida.

HARSH, JOHN RICHARD, Professor of Psychology. B.A., Ohio University; M.A., Ph.D., Bowling Green State University.

HARTMAN, SHERRY, Associate Professor of Nursing. B.S.N., Mississippi College; M.S., The University of Southern Mississippi; Dr. P.H., Tulane University.

HARVEY, TAMARA, Assistant Professor of English. B.A., Harvard and Radcliffe Colleges; M.A., University of Wisconsin-Madison; Ph.D., University of California—Irvine.

HASPESLAGH, JEAN A., Associate Professor of Nursing. B.S.N., M.S.Ed., University of Akron; M.S., University of Minnesota; D.N.S., Louisiana State University Medical Center.

HAUER, STANLEY R., Associate Dean of the College of Liberal Arts, and Professor of English. B.A., M.A., Auburn University; Ph.D., University of Tennessee.

HAWKINS, WILLIAM ELLIS, Chair and Professor of Coastal Sciences, Adjunct Professor of Biological Sciences. B.S., Mississippi State University; M.S., Ph.D., University of Mississippi Medical Center.

HAYES, MONICA MAUREEN, Associate Professor of Theatre. B.A., Northern Illinois University; M.F.A., Illinois State University.

HAYNES, DOROTHY ELIZABETH, Instructor of Library and Information Science. B.A., B.S., Texas Woman's University; M.L.S., Ph.D., University of Texas-Austin.

HEARD, RICHARD WILLIS, JR., Professor of Coastal Sciences, Adjunct Professor of Biological Sciences. B.S., M.S., University of Georgia; Ph.D., The University of Southern Mississippi.

HEIDEN, CHARLES HOWARD, Senior Associate Dean of the College of Science and Technology and Professor of Engineering Technology. B.S., United States Naval Academy; M.S., New Mexico State University; Ph.D., University of Mississippi. P.E.

HEINHORST, SABINE, Professor of Chemistry and Biochemistry. B.S., Universitat Hamburg, West Germany; Ph.D., Clemson University.

HENDERSON, JAMES RANDAL, Associate Professor of Accounting. B.S., Harding College; M.S., Memphis State University; Ph.D., Texas A&M University. C.P.A.

HENRY, MYRON S., Provost and Professor of Mathematical Sciences. B.S., Ball State University; M.S., Ph.D., Colorado State University.

HENSON, ROBIN KYLE, Assistant Professor of Educational Leadership and Research. B.A., Evangel University; M.A., University of Houston-Clear Lake; Ph.D., Texas A&M University.

HENTHORNE, TONY LEONARD, Director of Services Institute, College of Business Administration and Professor of Marketing. B.A., Ouachita Baptist University; M.B.A., University of Arkansas; Ph.D., University of Mississippi.

HERMAN, STEVE, Assistant Professor of Psychology. B.A., Reed College; Ph.D., Stanford University.

HERROD, CHRISTOPHER M., Instructor of Engineering Technology. B.S., M.S., The University of Southern Mississippi.

HERRON, SHERRY S., Instructor of Biological Sciences. B.S., M.Ed., University of South Alabama.

HERZINGER, KIM ALLEN, Professor of English. B.A., Oberlin College; M.A., Ph.D., University of Rochester.

HESTER, ROGER DAVID, Professor of Polymer Science. B.S., Auburn University; M.S., Ph.D., Georgia Institute of Technology.

HILL, JOSEPH B., Academic Dean, USM Gulf Coast. B.S., M.S., Washington State University; Ph.D., Auburn University.

HILL, ROBERT BYRON, Associate Professor of Theatre. B.A., Catawba College; M.F.A., Southern Methodist University.

HILL, ROGER HARVEY, Associate Professor of Music. B.M., M.M., Indiana University.

HILTON, EDITH L., Instructor of Nursing. B.S., Northern Illinois University; M.S., St. Xavier University; A.N.P, D.S.N., University of Alabama at Birmingham.

HINTON, AGNES W., Interim Assistant Dean and Associate Professor of Community Health. B.S., Mississippi University for Women; M.S., University of Tennessee, Knoxville; Dr.P.H., University of Alabama at Birmingham.

HIVELY, TODD ALLEN, Assistant Professor, Reading Room Librarian, Cook Library. B.S., Baylor University; M.L.I.S., The University of Texas at Austin.

HOBSON, KAY FRANCES, Assistant Professor of Nursing. B.S.N., Tuskegee Institute; M.S.N., Medical College of Georgia.

HOFACRE, MARTA JEAN, Associate Professor of Music. B.M.E., Bowling Green State University; M.M., University of Michigan; D.M.A., University of Oklahoma.

HOLADAY, MARGOT, Associate Professor of Psychology. B.F.A., University of Oklahoma; M.S., University of Houston, Clear Lake City; Ph.D., University of Houston.

HOLLAND, PAULA, Adjunct Clinical Instructor of Medical Technology. B.S., M.Ed., The University of Southern Mississippi.

HOLLANDSWORTH, JAMES GUY, JR., Associate Provost, Professor of Psychology, and Lecturer in History. B.A., Davidson College; M.Ed., Ph.D., University of North Carolina.

HOLLEY, DAVID MARLIN, Associate Professor of Philosophy and Religion. B.A., Baylor University; M.Div., Southern Baptist Theological Seminary; Ph.D., The University of Texas, Austin.

HOLLOWAY, EDDIE AARON, Instructor of Psychology. B.S., M.S., M.S., The University of Southern Mississippi.

HONG, SHERMAN, Professor of Music. B.M.Ed., The University of Southern Mississippi; M.Mus.Ed., Northwestern University; Ed.D., The University of Southern Mississippi.

HORNER, WILLIAM EDWARD, Associate Professor of Mathematics. B.S., Christian Brothers College; M.S., Ph.D., Memphis State University.

HOSMAN, LAWRENCE ANDREW, Professor of Speech Communication. B.A., University of Missouri, Kansas City; M.A., Ph.D., University of Iowa.

HOUSE, JOHN C., Associate Professor of Art. B.F.A., Auburn University; M.F.A., University of Tennessee.

HOUSTON, SHELTON L., Associate Director of the School of Engineering Technology and Associate Professor of Engineering Technology. B.S., M.S., The University of Southern Mississippi; Ph.D. University of Mississippi.

HOWELL, FREDDIE GENE, Professor of Biological Sciences. B.S., Texas A & M University; M.S., Ph.D., Texas Tech University.

HOWELL, JOHN EMORY, Professor of Chemistry and Biochemistry. B.S.Ed., Marion College; M.N.S., Arizona State University; Ph.D., University of Iowa.

HOYLE, CHARLES E., Professor of Polymer Science and Chemistry and Biochemistry and Southern Society for Coatings Technology Distinguished Professor. B.A., Baylor University; M.S., Ph.D., Northwestern University.

HROSTYOWSKI, SUSAN, Visiting Instructor of Social Work. B.A., The University of Southern Mississippi; M.Div., University of Virginia Theological Seminary; M.S.W., The University of Southern Mississippi.

HSIEH, CHANG-TSEH, Professor of Management Information Systems. B.A., National Taiwan University; M.B.A., The University of Southern Mississippi; Ph.D., Purdue University.

HUANG, FAQING, Assistant Professor of Chemistry and Biochemistry. M.S., Qinghai Institute of Salt Lake, China; Ph.D., Duke University.

HUBBLE, SUSAN MARIE, Assistant Director, School of Human Performance and Recreation and Associate Professor of Recreation. B.S., Illinois State University; M.S., The University of Southern Mississippi; Ed.D., University of Utah.

HUCH, DONALD W., Instructor of Computer Science and Statistics. B.S., The University of Southern Mississippi.

HUCH, MARY HALLEY, Professor of Nursing. B.S.N., Duquesne University; M.N., University of Pittsburgh; Ph.D., ANPC, University of Mississippi.

HUDSON, KERMIT M., Assistant Professor of Engineering Technology. B.S., M.S., M.B.A., The University of Southern Mississippi.

HUDSON, MABEL JANE, Chair of Department of Medical Technology and Professor of Medical Technology. B.S., Mississippi University for Women; M.S., Mississippi State University; Ph.D., The University of Southern Mississippi.

HUDSON, TIM WILLIAM, Dean of the College of International and Continuing Education and Professor of Economic Development. B.A., M.A., The University of Southern Mississippi; Ph.D., Clark University.

HUFFMAN, G. DAVID, Professor of Engineering Technology. B. Engr. Sc., Marshall University; M.Sc., Ph.D., Ohio State University.

HUFFMAN, MARK STEPHEN, Adjunct Clinical Associate Professor of Medical Technology. B.S., M.S., Louisiana Tech University; M.D., Louisiana State University School of Medicine.

HUGHES, WILLIAM EUGENE, Professor of Physics and Astronomy. B.S., The University of Southern Mississippi; Ph.D., University of Alabama.

HUMPHRIES, CHARLOTTE A., Associate Professor of Human Performance. B.S., Mississippi University for Women; M.S., Ph.D., Louisiana State University.

HUNT, DAVID MARSHALL, Professor of Management. B.A., University of Denver; B.F.T., Thunderbird Graduate School of International Management; M.B.A., University of California-Berkeley; Ph.D., University of Houston.

HUNT, DENNIS R., Assistant Professor of Criminal Justice. B.S., Northwestern University; L.L.B., Harvard Law School; L.L.M., Northwestern University Law School.

HUNT, HAROLD D., Assistant Professor of Sociology. B.S., M.S., Brigham Young University; Ph.D., University of Illinois at Urbana-Champaign.

HUTCHINSON, JOE C., Chair of Department of Hospitality Management and Associate Professor of Hospitality Management, Gulf Coast. B.S., University of Houston; M.B.A., Southwest Texas State University; Ph.D., Virginia Polytechnic Institute and State University.

JACKSON, HOMER EDWIN, Chair of Department of Anthropology and Sociology and Professor of Anthropology. B.A., American University; M.A., Tulane; Ph.D., University of Michigan.

JACKSON, SARA CARGILL, Associate Professor of Special Education, Gulf Coast. B.A.E., University of Mississippi; M.Ed., Ed.D., University of New Orleans.

JAFFE, ALEXANDRA MYSTRA, Associate Professor of Anthropology. B. A., University of Delaware; M.A., Ph.D., Indiana University.

JAMES, DIANA KAY, Instructor of Coaching and Sports Administration. B.S., Mississippi University for Women; M.S., The University of Southern Mississippi.

JANES, SHARYN, Associate Professor of Nursing. B.S.N., Marywood College; M.S.N., State University of New York, Binghamton; Ph.D., Florida State University.

JENSEN, ROBERT GEOFFRE, Assistant Professor of History. B.A., Indiana University; M.A., Ph.D., Yale University.

JEROME, RAOUL FRANK HOWARD, Associate Professor of Music. B.M., M.M., North Texas State University.

JOACHIM, PAT, Assistant Professor of Educational Leadership and Research, Gulf Coast. B.S., M.S., Ph.D., The University of Southern Mississippi.

JOHNSEY, GARY, Associate Professor of Engineering Technology. B.S.E.E., Auburn University; M.S., University of Missouri.

JOHNSON, KATHY L., Instructor of Nursing. B.S., The University of Southern Mississippi; M.S.N., University of Mississippi Medical Center.

JONES, DOLORES A., Professor, Curator de Grummond Collection, McCain Library and Archives. B.S., Pennsylvania State University; M.L.S., The University of Southern Mississippi.

JONES, GARY EDWIN, Professor of Psychology. B.A., Pennsylvania State University; M.A., Ph.D., Bowling Green State University.

JONES, JIMMIE J., Instructor of English. B.A., Tougaloo College; M.A., University of Michigan.

JORDAN, CHARLES EDWARD, Professor of Accounting. B.S., B.A., M.A., University of West Florida; D.B.A., Louisiana Tech University. C.P.A.

JUDD, STEPHEN GLENN, Associate Professor of Theatre. B.A., Western Maryland College; M.F.A., University of Georgia.

JUNEAU, JON, Assistant Professor of Engineering Technology. B.S., M.S., Texas A&M University; Ph.D., Louisiana State University.

KAHAN, TODD A. Assistant Professor of Psychology. B.S., Syracuse University; Ph.D., University at Albany, State University of New York.

KAMENKOVICH, VLADIMIR, Professor of Marine Science. Ph.D., Shirshov Institute of Oceanology.

KARNES, FRANCES ANN, Professor of Special Education. B.S., Quincy College (Illinois); M.Ed., Ph.D., University of Illinois.

KAUL, ARTHUR JESSE, Professor of Journalism. B.A., Central Methodist College; M.A., Western Kentucky University; M.S., Ph.D., Southern Illinois University.

KAUL, NANCY J., Associate Professor, Head, Collection Management, Cook Library. B.A., Southern Illinois University; M.L.S., The University of Southern Mississippi.

KAZELSKIS, RICHARD, Professor of Educational Leadership and Research. B.S., Ed.D., University of Georgia.

KEMP, DORIS A., Instructor and Assistant to the Director of the School of Engineering Technology. B.S., M.S., The University of Southern Mississippi.

KENNEDY, LIAM R., Assistant Professor, Government Information Librarian, Cook Library. B.A., Washington College; M.S.L.S., Clarion University of Pennsylvania.

KERSH, MILDRED ELIZABETH, Professor of Curriculum and Instruction. B.S., Loyola University, New Orleans; M.A., Louisiana State University; Ph.D., University of Chicago.

KHANNA, RAJIVE KUMAR, Associate Professor of Chemistry and Biochemistry. B.S., University of Delhi; M.Sc., Indian Institute of Technology, Delhi; Ph.D., Indian Institute of Technology, Kanpur.

KHOURY, AMAL J., Assistant Professor of Community Health. B.S., American University of Beirut; MPH, American University of Beirut; Ph.D., Johns Hopkins University.

KIMBER, MARIAN WILSON, Associate Professor of Music. B.A., M.L.S., University of North Carolina, Greensboro; M.M., Ph.D., Florida State University.

KIMBER, MICHAEL W., Associate Professor of Music. B.M., University of Kentucky; M.M., University of Michigan; D.M.A., The Catholic University of America.

KING, ERNEST W., Associate Professor of Finance and General Business. B.A., University of South Florida; J.D., Cumberland School of Law, Samford University; L.L.M., University of Miami, Florida.

KING, JERRY GALE, Professor of Accounting. B.S., M.S., The University of Southern Mississippi; Ph.D., University of Mississippi, C.P.A.

KING, ROGER TERRY, Professor of Finance. B.B.A., University of Mississippi; M.B.A., D.B.A., Texas Technological College.

KINNELL, ANN MARIE, Assistant Professor of Sociology. B.A., Indiana University; M.S., University of Wisconsin; Ph.D., Indiana University.

KLINEDINST, MARK A., Professor of Economics. B.A., Clark University; M.A., Ph.D., Cornell University.

KLOTZ, JOHN J., Assistant Professor of Educational Leadership and Research. B.A., Harris Teachers College; M.A., Ed.S., Ph.D., University of Wisconsin, Madison.

KOCH, TIMOTHY, Associate Professor of Music. B.M.E., Illinois Wesleyan University; M.M., University of Illinois, Urbana; D.M.A., Eastman School of Music.

KOEPPEL, JOHN CARRINGTON, Associate Professor of Psychology. B.S., M.A., Memphis State University; Ph.D., Oklahoma State University.

KOLBO, JEROME, Associate Professor. B.A., University of Mary; M.S.W., University of Denver; Ph.D., University of Minnesota.

KOLIBAL, JOSEPH G., Associate Professor of Mathematics. B.S., Carnegie Mellon University; M.S., Imperial College of Science and Technology; D. Phil., Oxford University.

KOLIN, PHILIP CHARLES, Professor of English. B.S., Chicago State University; M.A., University of Chicago; Ph.D., Northwestern University.

KREBS, GARY V., Coordinator of Sports Medicine, Director of the Motor Behavior Laboratory and Assistant Professor of Human Performance. B.S., M.S., The University of Southern Mississippi; Ph.D., Texas A&M University.

KUCZAJ, STANLEY ABRAHAM, II., Chair of the Department of Psychology and Professor of Psychology. B.A., University of Texas at Austin; Ph.D., University of Minnesota.

KUDISCH, JEFFREY D., Assistant Professor of Psychology. B.S., University of Florida; M.S., University of Central Florida; Ph.D., The University of Tennessee.

KUHN, FRANCIS X., Assistant Professor of Theatre and Dance. B.S., Temple University; M.F.A., Southern Methodist University.

KURTZ, ESTELLE PAT, Assistant Dean of Graduate Program of College of Nursing and Associate Professor of Nursing. B.S., M.S., University of Colorado; M.S., University of Texas, Dallas; Ph.D. University of Texas, Austin.

KUSKIN, WILLIAM, Assistant Professor of English and Honors. B.A., Vassar College; M.A., Ph.D., University of Wisconsin-Madison.

KYRIADOUDES, LOUIS, Assistant Professor of History, Gulf Coast. B.A., University of North Carolina-Chapel Hill; M.A., Ph.D., Vanderbilt University.

LADNER, DESMOND C., Laboratory Instructor of Engineering Technology. B.S., The University of Southern Mississippi.

LANGENBAUCH, BETTIE S. , Instructor of Nursing. B.S.N., The University of Southern Mississippi; M.S.N., University of Alabama in Birmingham.

LANGSTRAAT, LISA, Assistant Professor of English. B.A., M.A., Southern Illinois University; Ph.D., Purdue University.

LANMON, MARVIN LEE, JR., Associate Professor of Technology Education. B.S., M.Ed., Ed.D., East Texas State University.

LARES, JAMEELA, Associate Professor of English. B.A., California State University; M.A., University of California, Los Angeles; Ph.D., University of Southern California.

LAUGHLIN, CHERYL H., Associate Professor, Head, Information Services Department, Cook Library. B.S., The University of Southern Mississippi; M.S.L.S., University of Tennessee.

LAUTERBACH, SARAH STEEN, Associate Professor of Nursing. B.S.N., M.N., University of Florida; M.S.P.H., University of North Carolina at Chapel Hill; Ed.D., Teachers College Columbia University.

LEA, JAMES FRANKLIN, Professor of Political Science. B.A., Southeastern Louisiana University; M.A., Ph.D., Louisiana State University.

LEACH, MARK MICHAEL, Associate Professor of Psychology. B.A., University of Cincinnati; Ph.D., University of Oklahoma.

LEBSACK, SHARON ELAINE, Associate Professor of Music. B.A., B.M., M.A., University of Northern Colorado.

LEE, JOON C. Professor of Physics and Astronomy. B.S., Seoul National University; Ph.D., University of Florida.

LESTER, THERESA ANNETTE, Assistant Professor of Nursing. B.S., University of Mississippi; M.N., University of Florida.

LEVENTHAL, LOIS ANN, Professor of Music. B.A., University of Massachusetts; M.M., New England Conservatory of Music; D.M.A., University of Indiana.

LEWIS, EDDIE MILEY, Kaetsu Distinguished Professor of International Business. B.S., M.B.A., The University of Southern Mississippi; D.B.A., Mississippi State University.

LEWIS, JERRY, Assistant Professor of Educational Leadership and Research. B.S., West Chester University; M.A., Villanova University; Ed.D., Temple University.

LEWIS, MARTHA ANNE, Adjunct Clinical Instructor of Nursing. B.S., M.S., The University of Southern Mississippi.

LEWIS, STANLEY X., JR., Professor of Management Information Systems. B.S.B.A., M.B.A., Louisiana Tech University; D.B.A., Mississippi State University. C.P.A., C.F.E., C.C.E.A.

LEYBOURNE, ALLEN E., Professor of Engineering Technology. B.S., University of Florida; M.S., Penn State University; Ph.D., University of Florida.

LIN, LIN-MIAO, Assistant Professor of Psychology, Gulf Coast. M.A., Ph.D., Georgia State University.

LINDLEY, JAMES T., Professor of Finance. B.A., University of North Carolina at Asheville; Ph.D., University of Georgia.

LINDQUIST, JULIE L., Assistant Professor of English. B.A., M.A., Ph.D., University of Illinois at Chicago.

LINDSEY, W. MICHAEL, Instructor of Engineering Technology, B.S., The University of Southern Mississippi; Registered Architect.

LIPPY, BROOKE, Assistant Professor, Catalog Librarian, Cook Library. B.A., Whitworth College; M.S.L.S., University of North Texas.

LIPSCOMB, JOHN W., JR., Professor of Engineering Technology, B.S.E.E., B.S.M.E., M.S.M.E., Louisiana State University; Ph.D., University of Mississippi. P.E.

LITTLE, RICHARD M., Major, USA, and Assistant Professor of Military Science. B.S., Presbyterian College.

LOCHHEAD, ROBERT Y., Chair of the Department of Polymer Science and Associate Professor of Polymer Science. B.Sc., Ph.D., Strathclyde University.

LOHRENZ, STEVEN ERIC, Associate Professor of Marine Science. Institute of Marine Sciences. B.A., University of Oregon; Ph.D., Woods Hole Oceanographic Institution/Massachusetts Institute of Technology.

LOTZ, JEFFREY MAJOR, Associate Professor of Coastal Sciences, Adjunct Professor of Biological Sciences. B.S., University of Minnesota; M.S., Ph.D., Louisiana State University.

LOYD, DOLLY DIANE PURVIS, Instructor of Marketing. B.S., M.B.A., The University of Southern Mississippi.

LUCAS, AUBREY KEITH, President Emeritus and Distinguished Professor of Higher Education. B.S., M.A., The University of Southern Mississippi; Ph.D., Florida State University.

LUCAS, GAIL, Assistant Professor of Paralegal Studies. B.A., The University of Southern Mississippi; M.A., University of Mississippi. CLAS.

LUCE, ERIC F., Associate Professor of Curriculum and Instruction, Gulf Coast. B.A., M.A.T., Colgate University; Ph.D., New York University.

LUNDIN, EDWARD, Instructor and University Supervisor of Student Teaching. B.A., Ohio Wesleyan University; M.Ed., Ph.D., M.P.A., University of Pittsburgh; M.Div., University of the South.

LUNDY, KAREN SAUCIER, Associate Professor of Nursing. B.S., The University of Southern Mississippi; M.A., M.S., Ph.D., University of Colorado.

LUO, YUAN, Research Scientist in Biological Sciences. B.S., M.S., Peking University; Ph.D., Health Sciences Center, SUNY-Syracuse.

LUX, MARY FRANCES, Associate Professor of Medical Technology. B.S., B.A., M.S., Ph.D., University of Mississippi.

LYDDON, WILLIAM JOHN, Associate Professor of Psychology. B.A., The University of Southern Mississippi; M.S., California State University, Fresno; Ph.D., University of California, Santa Barbara.

LYTLE, JULIA REBECCA S., Professor of Coastal Sciences, Adjunct Professor of Chemistry and Biochemistry. A.B., Asbury College; M.A., Ph.D., University of Texas, Austin.

LYTLE, THOMAS F., Professor of Coastal Sciences. B.A., Middle Tennessee State College; M.A., Ph.D., University of Texas, Austin.

MACKAMAN, DOUGLAS P., Associate Professor of History and Honors. B.A., University of Wisconsin, Madison; M.A., Ph.D., University of California.

MAGEE, DENNIS ELTON, Adjunct Clinical Associate Professor of Medical Technology. B.S., M.D., Mississippi University Medical Center.

MAGRUDER, JAMES SCOTT, Associate Professor of Management Information Systems. B.S.B.A., M.S., The University of Southern Mississippi; Ph.D., Southern Illinois University.

MALLORY, STEPHEN L., Assistant Professor of Criminal Justice. B.S., Mississippi State University; M.S., The University of Southern Mississippi; Ph.D., University of Mississippi.

MALONE, LISA F., Instructor of Food and Nutrition and Clinical Lab Coordinator. B.S., M.S., The University of Southern Mississippi.

MALONE, PATRICIA ANN, Associate Professor of Music. B.M., Baylor University; M.M., University of Cincinnati; D.M., Florida State University.

MALONE, SUSAN C., Associate Professor of English. B.A., University of South Alabama; M.Ed., Ed.D., Vanderbilt University.

MANEVAL, MARK W., Professor of Coaching and Sports Administration. B.S., M.A., Angelo State University; Ph.D., Texas A & M University.

MANLY, THERON W., Associate Professor of Educational Leadership and Research, Gulf Coast. B.S., Howard College; M.A., Ed.D., University of Alabama.

MANN, EDWARD C., Chair of Department of Technology and Associate Professor of Technology Education. B.A., Thiel College; M.Ed., Ph.D., Pennsylvania State University.

MANNING, BENJAMIN, Visiting Instructor of Interior Design. B.S., M.S., The University of Southern Mississippi.

MARCHMAN, DAVID A., Professor of Engineering Technology. B.B.C., M.B.C., University of Florida.

MARQUARDT, RONALD GENE, Chair of Department of Political Science and Professor of Political Science. B.S., M.S., Kansas State College; Ph.D., University of Missouri; J.D., Mississippi College School of Law.

MARSHAK, JOHN, Assistant Professor of Education Leadership and Research. B.A., M.A., Harvard University; M.Ed., Tufts University; Ph.D., University of Michigan.

MARTIN, JAMES ROBERT, Professor, Dean of USM Libraries. B.A., Wheaton College; M.A., M.S.L.S., University of North Carolina; Ph.D., Florida State University.

MARTIN, MICHAEL, Associate Professor of Curriculum and Instruction. B.A., M.Ed., University of New Orleans; Ph.D., University of Georgia.

MARTIN, SARAH H., Associate Professor of Curriculum and Instruction. B.S., Ed., M.Ed., University of Georgia; Ph.D., Louisiana State University.

MARTRAY, CARL R., Dean of College of Education and Psychology. B.A., Fairmont State College; M.A., Ph.D., University of Alabama.

MARYKWAS, DONNA L., Assistant Professor of Biological Sciences. B.A., University of Pennsylvania, Philadelphia; Ph.D., Cornell University, Ithaca.

MASTERS, KATHLEEN R., Instructor of Nursing. B.S.N., Northern Kentucky University; M.S., The University of Southern Mississippi.

MASZTAL, NANCY, Chair of the Division of Education and Psychology and Professor of Curriculum and Instruction, Gulf Coast. B.A., Florida State University; M.Ed., Ph.D., University of Miami.

MATHIAS, LON JAY, Professor of Polymer Science. B.S., University of Iowa; M.S., Ph.D., University of Michigan.

MATHIS, GEORGE L., Associate Professor of Engineering Technology. B.S., M.S., The University of Southern Mississippi; doctoral study, University of Mississippi.

MATLACK, GLENN R., Assistant Professor of Biological Sciences. B.S., Bates College; Ph.D., University College of North Wales.

MATTHEWS, LINDA K., Major, U.S.A.F., Assistant Professor of Aerospace Studies. B.A., The University of Southern Mississippi; M.A.S., Embry-Riddle Aeronautical University.

MATTSON, GERALD A., Associate Professor of Forensic Science. B.A., Duke University; Ph.D., Auburn University.

MAULDING, WANDA, Assistant Professor of Educational Leadership and Research, Gulf Coast. B.S., Millsaps College; M.S., Mississippi College; Ed.D., University of North Texas.

MAURITZ, KENNETH A., Professor and Polymer Physicist. B.S., M.S., University of Wisconsin, Oshkosh; Ph.D., Case Western Reserve University.

MAYO, CHARLES M., Assistant Professor of Journalism. B.S., M.S., The University of Southern Mississippi; M.A., Ph.D., University of Alabama.

MAYS, WILLIAM MICHAEL, Associate Professor of English. B.A., University of Puget Sound; M.A., Ph.D., University of Washington.

McBRIDE, ALLAN., Assistant Professor of Political Science. B.A., Louisiana State University, New Orleans; M.A., University of New Orleans; PhD., Southern Illinois University at Carbondale.

McCAIN, DOUGLAS CLAYTON, Professor of Chemistry and Biochemistry. B.S., Purdue University; Ph.D., University of California, Berkeley.

McCARVER, PAUL S., Associate Professor, Senior Information Services Librarian, Cook Library. B.A., M.L.S., Delta State University; M.L.S., University of Alabama.

McCAULEY, BYRON, Visiting Instructor of Journalism/Student Printz Adviser. B.A., Louisiana Tech University.

McCORMACK, EDWARD G., Associate Professor, Director of Cox Library and Media Center, Gulf Coast. B.A., Fourah-Bay College; M.A., Ohio University; M.L.S., Indiana University.

McCORMICK, CHARLES LEWIS III, Professor of Polymer Science and Chemistry and Biochemistry and The Thomas Waring Bennett, Jr., Distinguished Professor in the Sciences. B.S., Millsaps College; Ph.D., University of Florida.

McCOY, JOHN GRAHAM, Assistant Professor of Psychology. B.S., Albright College; M.S., Ph.D. , Colorado State University.

McDONALD, MARGARET, Assistant Professor of Community Health. B.S., University of Massachusetts-Amherst; M.S., University of Hartford; Ph.D., University of Massachusetts-Amherst.

McDONALD, MICHAEL L., Associate Professor of Technology Education. B.S., M.S., Arkansas State University; Ph.D., University of Missouri, Columbia.

McDOWELL, LIDA GARRETT, Instructor of Mathematics. B.S., Newcomb College of Tulane University; M.S.T., Middle Tennessee State University; M.S., The University of Southern Mississippi.

McDOWELL, SCOTT DIXON, Chair of Department of Radio, Television, and Film and Associate Professor of Radio, Television, and Film. B.A., Covenant College; M.F.A., Southern Illinois University.

McGUIRE, JAMES G., Assistant Professor of Community Health. B.S., The University of Southern Mississippi; M.S., Western Kentucky University; Ph.D., University of Tennessee.

McKEE, JESSE OSCAR, Professor of Geography and Planning. B.S., Clarion University of Pennsylvania; M.A., Ph.D., Michigan State University.

McMILLEN, NEIL RAYMOND, Professor of History. B.A., M.A., The University of Southern Mississippi; Ph.D., Vanderbilt University.

McMURTREY, KENNETH DEE, Professor of Chemistry and Biochemistry. B.S., Central Missouri State College, Ph.D., Colorado State University.

McQUISTON, JAMES MERWYN, JR., Assistant Professor of Economics. B.S., The University of Southern Mississippi; doctoral study, University of Virginia.

MEAD, LAWRENCE R., Associate Professor of Physics and Astronomy. B.S., Lawrence Institute of Technology; M.A., Ph.D., Washington University.

MEADE, JAMES WALTER, JR., Professor of Art. B.S., M.A., East Tennessee State University; M.F.A., University of Georgia.

MEGEHEE, JAMES A., Adjunct Clinical Associate Professor of Medical Technology. B.S., Tulane University; M.S., M.D., University of Mississippi Medical Center.

MELTON, MICHAEL, Assistant Professor of Marketing and Finance. B.S., Nebraska Wesleyan University; M.B.A., Ph.D., University of Nebraska-Lincoln.

MESSER, DAVID GLEN, Laboratory Coordinator/Lecturer in Department of Physics and Astronomy. B.S., The University of Southern Mississippi.

MEYER, JOHN CARL, Associate Professor of Speech Communication. B.S., Phillips University; M.A., Ph.D., University of Kansas.

MEYER, MARY KAY, Research Associate Professor and Research Scientist, Division of Applied Research, National Food Service Management Institute. B.S., Auburn University; M.S., University of Tennessee; Ph.D., Virginia Polytechnic Institute and State University.

MEYLAN, MAURICE ANDRE, Professor of Geology. B.A., State University of New York, Buffalo; M.S., Florida State University; Ph.D., University of Hawaii.

MIDDLEBROOKS, BOBBY LYNN, Associate Provost and Professor of Biological Sciences. B.A., Rice University; M.A., Ph.D., University of Texas.

MIGNOR, DEOLINDA M., Associate Professor of Nursing and Coordinator for Gulf Coast Campus. B.S.N., Salve Regina College; M.N., D.N.S., Louisiana State University.

MILLER, APRIL DENISE, Chair of the Department of Special Education and Associate Professor of Special Education. B.S., M.A., Ph.D., The Ohio State University.

MILLER, JAMES E., Professor of Computer Science and Statistics. B.S., University of Southwestern Louisiana; M.S., Auburn University; Ph.D., University of Southwestern Louisiana.

MILLER, MARK MICHAEL, Associate Dean of College of International and Continuing Education and Professor of Economic Development. B.S., University of Maryland; M.I.M., Thunderbird; Ph.D., University of Arizona.

MINN, JAMES, Research Scientist of Chemistry and Biochemistry. B.S., Ph.D., University of Pittsburgh.

MITCHELL, GEOFFREY SCOTT, Instructor of Spanish. B.A., Hillsdale College; M.A., University of Missouri-Columbia.

MITCHELL, JACQUELYN, Assistant Professor. A.B., Trinity College; M.S.W., Atlanta University; J.D., University of Pennsylvania.

MITRA, AMAL K., Assistant Professor of Community Health. M.D., The University of Dhaka; D.I.H., The University of Dhaka; M.P.H., Dr.P.H., The University of Alabama at Birmingham.

MIXON, FRANKLIN G., JR., Associate Professor of Economics. B.A., M.S., Ph.D., Auburn University.

MOORE, BOBBY DEAN, Director Summer Program in Graduate Education and Professor of Curriculum and Instruction. B.S., Lamar State College of Technology; M.Ed., Ed.D., North Texas State University.

MOORE, FRANK R., The Thomas Waring Bennett, Jr., Distinguished Professor in the Sciences, Chair of the Department of Biological Sciences, and Professor of Biological Sciences. B.A., Ohio Wesleyan University; M.S., Northern Illinois University; Ph.D., Clemson University.

MOORE, ROBERT B. III, Assistant Professor of Polymer Science. B.S., Angelo State University; Ph.D., Texas A & M University.

MONCREIFF, CYNTHIA A., Assistant Professor of Coastal Sciences. B.S., State University College of New York at Fredonia; M.S., Louisiana Sate University; Ph.D., Mississippi State University.

MORELAND, WILBUR LAFE, Associate Professor of Music. B.A., M.A., University of Northern Colorado.

MOSER, STEVEN R., Assistant Professor of Music, Associate Director of Bands and Director of Pride of Mississippi Marching Band. B.M., University of Mississippi; M.M.E., Texas Christian University.

MUELLER, CHERYL E., Instructor of Child and Family Studies and Director, Center for Child Development. B.S., Southern Illinois University; M.S., Eastern Michigan University.

MULLICAN, LARRY DUANE, Professor of Theatre and Dance. B.A., University of Northern Iowa; M.A., University of Colorado.

MUMA, JOHN RONALD, Professor of Speech and Hearing Sciences. B.S., M.A., Central Michigan University; Ph.D., Pennsylvania State University.

MYERS, SHELLEY E., Laboratory Instructor of Medical Technology. B.S., The University of Southern Mississippi.

NAGHSHPOUR, SHAHDAD, Associate Professor of Economics, Gulf Coast. B.S., Tehran University; M.A., Western Michigan University; M.S., Ph.D., Oklahoma State University.

NAGURNEY, FRANK KLEIN, Chair of Department of Computer Science and Statistics and Professor of Computer Science and Statistics. B.A., Rider College; M.S., Virginia Polytechnic Institute; Ph.D., University of Pittsburgh.

NECHAEV, DIMITRI, Assistant Professor of Marine Science. M.S., Moscow Institute of Physics and Technology; Ph.D., Shirshov Institute of Oceanology.

NEAL, SCOTTIE E., Instructor and Systems Analyst of Engineering Technology. B.S., M.S., The University of Southern Mississippi.

NELSON, JANET S., Associate Professor of Special Education. B.S., M.Ed., Ed.D., Northern Illinois University.

NETTLES, MARY FRANCIS, Assistant Professor of Family and Consumer Sciences and Director of The Coordinated Program in Dietetics. B.S., Mississippi State University; M.S., Ph.D., Kansas State University.

NEWMAN, WILLIAM R., Instructor of Paralegal Studies. B.S., University of Southern Mississippi; J.D., University of Mississippi Law School.

NICHOLSON, LARRY C., Senior Scientist and Instructor of Engineering Technology. B.S., Mississippi State University; B.S., M.S., The University of Southern Mississippi.

NIELSEN, SHELLIE CHRISTINE, Assistant Professor of Dance. B.F.A., University of Utah; M.A., Teachers College Columbia University.

NIROOMAND, FARHANG, Associate Dean for Academic Affairs, College of Business Administration and Professor of Economics and International Business. B.A., National University of Iran; M.A., Ph.D., Michigan State University.

NISSAN, EDWARD, Professor of Economics. B.S., University of Kansas; Ph.D., Texas A&M University.

NOBLIN, CHARLES DONALD, Professor of Psychology. B.A., Mississippi College; M.S., Virginia Commonwealth University; Ph.D., Louisiana State University.

NORED, LISA SELLERS, Visiting Assistant Professor of Criminal Justice. B.S., M.S., The University of Southern Mississippi; J.D., Mississippi College School of Law.

NORRIS, DONALD EARL, JR., Professor of Biological Sciences. B.S., Indiana State University; M.S., Ph.D., Tulane University.

NORTON, MELANIE JO ELLEN, Assistant Professor of Library and Information Science. B.A., State University College, Oneonta; M.L.S., North Texas State University; Ph.D., North Texas State University.

ODOM, WILLIAM McBRIDE, Associate Professor of German and Russian. B.A., Louisiana State University; Ph.D., Tulane University.

OGLE, JOHN T., Assistant Research Scientist. B.S., M.S., Texas A&M University.

OLMI, D. JOE, Associate Professor of Psychology. B.S., M.Ed., Mississippi State University; Ed.S., University of Southwestern Louisiana; Ph.D., Mississippi State University.

O'NEIL, BRIAN, Assistant Professor of History. B.A., University of California-San Diego; M.A., Ph.D., UCLA.

ORSI, THOMAS H., Adjunct Professor of Geology. B.S., M.S., The University of Southern Mississippi; Ph.D., Texas A&M University.

ORTIZ, GREG C., Captain, USA, and Assistant Professor of Military Science. B.A., Saint Leo College.

O'SHEAL, STEPHEN, Adjunct Clinical Associate Professor of Medical Technology. B.A., Vanderbilt University; M.D., Vanderbilt University School of Medicine.

OSHRIN, STEPHEN EDWARD, Chair of Department of Speech and Hearing Sciences and Professor of Speech and Hearing Sciences. B.A., Plattsburgh State University; M.A., Ph.D., Ohio University.

OTVOS, ERVIN GEORGE, Associate Professor of Coastal Sciences, Adjunct Professor of Geology. B.Sc., University of Budapest; M.S., Yale University; Ph.D., University of Massachusetts.

OVERSTREET, ROBIN MILES, Professor of Coastal Sciences, Adjunct Professor of Biological Sciences. B.A., University of Oregon; M.S., Ph.D., University of Miami.

PALMER, JAMES JESSE, Professor of Curriculum and Instruction. B.A., M.A., Delta State University; Ed.D., Auburn University.

PANDEY, RAS BIHARI, Professor of Physics and Astronomy. B.S., M.S., University of Allahabad, India; Ph.D., University of Roorkee, India.

PANELLA, LAWRENCE M., Assistant Professor of Music. B.M., The University of North Texas; M.M., Northern Illinois University.

PANTON, KENNETH JOHN, Associate Professor of Geography and Planning and Manager of British Studies Program. M.A., University of Edinburgh; Ph.D., King's College, University of London.

PAPRZYCKI, MARCIN, Assistant Professor of Computer Science and Statistics. M.S., Adam Mickiewicz University, Ph.D., Southern Methodist University.

PARKER, JOSEPH BALFOUR, Professor of Political Science. B.A., M.A., Louisiana State University; Ph.D., Tulane University.

PARKER, JULIE C., Instructor of Child and Family studies. B.S., M.S., The University of Southern Mississippi.

PASSMORE, STEVEN E., Research Scientist in Biological Sciences. B.A., University of California, Santa Barbara; Ph.D., Cornell University.

PATE, GWENDOLYN ANN, Associate Professor of Accounting. B.M., M.P.A., The University of Southern Mississippi; Ph.D., University of Tennessee. C.P.A.

PATRICK, DAVID MAXWELL, Professor of Geology. B.S.C.E., Purdue University; A.M., University of Missouri; Ph.D., University of Oklahoma. P.E.

PATTERSON, RHONDA A., Post Doctoral Research Associate in Biological Sciences. B.S., University of Missouri/Columbia; Ph.D., The University of Southern Mississippi.

PAUL, JOSEPH SCOTT, Vice President for Student Affairs and Assistant Professor of Psychology. B.S., M.S., The University of Southern Mississippi; Ph.D., The University of Alabama.

PAYNE, THOMAS E., Assistant Professor of Criminal Justice. B.S., M.S., Ph.D., The University of Southern Mississippi; J.D., University of Mississippi.

PERKINS, ARLENE LOUISE, Associate Professor of Computer Science and Statistics. B.S., M.S., Ph.D., University of California, Davis.

PERRY, HARRIET M., Assistant Professor of Coastal Sciences. B.S., Florida State University; M.S., The University of Southern Mississippi.

PETERS, MARY BARNETT, Instructor of Mathematics. B.S., M.Ed., The University of Southern Mississippi.

PESSONEY, GEORGE FRANCIS III, Professor of Biological Sciences. B.S., M.A., Sam Houston State College; Ph.D., University of Texas.

PETERSON, MARK S., Associate Professor of Coastal Sciences. B.S., Coastal Carolina University; M.S., Florida Institute of Technology; Ph.D., The University of Southern Mississippi.

PETERSON, RONALD A., Assistant Professor, Electronic Resources Librarian, Cook Library. B.A., State University of New York; M.L.I.S., San Jose State University.

PHILLIPS, DENNIS ROGER, Graduate Coordinator and Associate Professor of Coaching and Sports Administration. B.A., Lutheran University; M.A.T., Whitworth College; D.P.E., Springfield College.

PHILLIPS, JERRY K, Coordinator of Coaching and Administration and Assistant Professor of Coaching and Sports Administration. B.B.A., Southern Methodist University; M.S.Ed., Ph.D., University of Kansas.

PIAZZA, BARRY LYNN, Professor of Mathematics. B.S., Nicholls State University; M.S., Ph.D., Clemson University.

PIERCE, WILLIE LEE, JR., Professor of Educational Leadership and Research. B.S.E., M.Ed., Delta State University; Ed.D., North Carolina State University.

POJMAN, JOHN ANTHONY, Professor of Chemistry and Biochemistry and Coordinator of Undergraduate Programs. B.S., Georgetown University; Ph.D., University of Texas.

POLK, NOEL EARL, Professor of English. B.A., M.A., Mississippi College; Ph.D., University of South Carolina.

POLK, PATRICIA PARROTT, Instructor of Accounting. B.A., Mississippi College; M.A., University of South Carolina; M.P.A., The University of Southern Mississippi. C.P.A.

PONDER, CHARLES A., Instructor of Marketing and Coordinator of MBA Marketing. B.S.B.A., M.B.A., The University of Southern Mississippi.

POPE, LIN FAIRCHILD, Instructor of Geology. B.S., M.S., The University of Southern Mississippi.

PORCIELLO, MARILYN BROOME, Instructor of Radio, Film and TV. B.S., The University of Southern Mississippi.

PORTER, SHARON DEANNA, Instructor of Nursing. B.S., The University of Southern Mississippi; M.S., Texas Women's University.

POSEY, GUY, Assistant Professor of Management Information Systems, Gulf Coast. B.S., The University of Southern Mississippi; M.B.A., Jackson State University; Ph.D., University of North Texas.

POSEY, RODERICK BURL, Associate Dean for Administrative Affairs, College of Business Administration and Professor of Accounting. B.S., M.S., The University of Southern Mississippi; Ph.D., Oklahoma State University. C.P.A.

POSS, STUART GERALD, Associate Professor of Coastal Sciences, Adjunct Professor of Biological Sciences. B.A., University of California, Los Angeles; M.A., San Francisco State University; Ph.D., University of Michigan.

POWELL, GERALD, Instructor of Community Health. B.S., M.S., The University of Southern Mississippi.

POWELL, WILLIAM W., Associate Professor of TESOL and French. B.A., University of Texas-Austin; M.A., Ohio University; Ph.D., Florida State University.

PRICE, CATHERINE H., Associate Professor of Hospitality Management. B.A., Mississippi University for Women; M.A., University of Northern Colorado; Ph.D., Virginia Polytechnic Institute.

PRICE, PEGGY, Assistant Professor, Special Collections Librarian, McCain Library and Archives. B.A., M.L.S., University of North Texas.

PRIEUR, JANET RENE SUMNER, Associate Professor of Dance. B.F.A., Juilliard School; M.F.A., University of Michigan.

PURVIS, JOHNNY RAY, Associate Professor of Educational Leadership and Research. B.A., M.A., Northwestern State College; Ed.D., Northeast Louisiana University.

PUTTHOFF, RONALD ANDREW, Instructor of Mathematics. B.A., St. Louis University; M.S., Kansas University.

PYE, WALLACE CLARK, Chair of the Department of Mathematics and Professor of Mathematics. B.S., M.S., Louisiana State University; Ph.D., Texas Tech University.

QUARNSTROM, ISAAC BLAINE, Professor of Theatre and Coordinator of Allied Arts. B.S., M.A., Brigham Young University; Ph.D., Ohio State University.

RABIAN, BRIAN, Associate Professor of Psychology. B.A., University of Delaware; Ph.D., The George Washington University.

RACHAL, JOHN RALPH, Professor of Educational Leadership and Research. A.B., East Carolina University; M.A., Ed.D., North Carolina State.

RACHEL, MARCIA M., Adjunct Clinical Assistant Professor of Nursing. B.S.N., Mississippi College; M.S., The University of Southern Mississippi; Ph.D., University of Mississippi.

RADCLIFF, JOYCE, Assistant Professor, Catalog Librarian, Cook Library. B.A., University of South Alabama; M.L.S., University of Alabama.

RAGSDALE, DANA OUGH, Professor of Music. B.M., University of Denver; M.M., University of Hartford; D.M.A., Cincinnati Conservatory of Music.

RAKOCINSKI, CHESTER F., Senior Scientist. B.S., M.S., Northern Illinois University; Ph.D., The University of Southern Mississippi.

RANDOLPH, DANIEL LEE, Professor of Psychology. B.S., University of West Virginia; M.Ed., Marquette University; Ph.D., Florida State University.

RANGE, LILLIAN MILLER, Professor of Psychology. B.S., East Tennessee State University; M.A., Ph.D., Georgia State University.

RAYBORN, GRAYSON HANKS, Director of the School of Mathematical Sciences and Professor of Physics and Astronomy. B.S., Rensselaer; Ph.D., University of Florida.

REDALJE, DONALD G., Professor of Marine Science. Institute of Marine Sciences. B.A., University of California, Santa Barbara; Ph.D., University of Hawaii.

REDFERN, MYLAN E., Associate Professor of Mathematics. B.S., Augusta College; M.S., Florida State University; Ph.D., Louisiana State University.

REDFIELD, STEPHEN C., Assistant Professor of Violin, School of Music. B.M., University of Cincinnati; M.M., Eastman School of Music.

REEVES-KAZELSKIS, CAROLYN, Professor of Curriculum and Instruction. B.S., East Texas State University; M.Ed., Ed.D., Mississippi State University.

REHNER, TIMOTHY, Assistant Professor of Social Work. B.A., Asbury College; M.S.W., Indiana University; Ph.D., University of Alabama.

REINERT, BONITA R., Associate Professor of Nursing. B.S., Lamar University; M.S., University of Texas Medical Branch, Galveston; Ph.D., University of Texas at Austin.

REY, STEPHEN VAN, Instructor of Intramural-Recreational Sports. B.S., M.S., The University of Southern Mississippi.

REYNOLDS, ALLISON M., Professor of Music. Ph.D., Temple University.

RHEA, KAREN, Instructor of Mathematics. B.S., M.S., The University of Southern Mississippi.

RICHARDS, JANET CLARKE, Associate Professor of Curriculum and Instruction, Gulf Coast. B.S., New Jersey State College; M.Ed., Tulane University; Ph.D., University of New Orleans.

RICHARDSON, THOMAS J., Professor of English and Coordinator of Senior Honors, Honors College. B.A., The University of Southern Mississippi; M.A., University of Alabama; Ph.D., Vanderbilt University.

RICHESON, MARLENE BEDSOLE, Assistant Professor of Nursing. B.S.N., University of Alabama; M.S.N., University of North Carolina; ANPC, University of Mississippi.

RICHMOND, MARK GLENN, Professor of Curriculum and Instruction. B.S., M.S., The University of Southern Mississippi; Ed.D., Indiana University.

RIMES, BRADY RAY, Associate Professor of Computer Science and Statistics. B.S., M.S., The University of Southern Mississippi; Ph.D., Louisiana State University.

ROBIN, F. ELEANOR, Associate Professor, Curriculum Librarian, Gunn Materials Center. B.A., Newcomb College of Tulane University; M.S., Louisiana State University.

ROBISON, MARY A., Professor of English. M.A., Johns Hopkins University.

RODGERS, JOHN MICHAEL, Instructor of Computer Science and Statistics. B.S., M.S., The University of Southern Mississippi.

RODRIGUEZ, KETTY, Assistant Professor of Library and Information Science. B.Ed., M.Ed., University of Puerto Rico; M.L.S., Ph.D., Indiana University.

RODRIGUEZ-BUCKINGHAM, ANTONIO M., Professor of Library and Information Science and Director of the Program in Humanities. B.A., M.L.S., University of Washington; M.A., Harvard University; Ph.D., University of Michigan.

ROGERS, BETTY J., Instructor of Nursing. B.S.N., William Carey College; M.S.N., Northwestern State University.

ROSS, STEPHEN T., Professor of Biological Sciences. B.A., University of California, Los Angeles; M.A., California State University, Fullerton; Ph.D., University of South Florida.

ROSS, SUSAN RENEE CULIPHER, Assistant Professor of Mathematics. B.S.E., Delta State University; M.S.E., Mississippi State University; Ph.D., University of Georgia.

ROSSO, SAMUEL WILFORD, Associate Professor of Biological Sciences. B.A., The University of Southern Mississippi; M.S., Louisiana State University; Ph.D., Washington University, St. Louis.

ROUDEBUSH, BETSY W., Instructor and University Supervisor of Student Teaching. B.A., Lambuth College; M.S., Memphis State University; Ed.D., Mississippi State University.

ROWLEY LUCILLE MARIE, Assistant Professor of Social Work. B.A., University of New Orleans; M.S.W., D.S.W., Tulane University.

RUEGGER, FORREST DURWOOD, Professor of Finance and General Business. B.B.A., West Texas State University; J.D., University of Mississippi.

RUSSELL, GAIL SHERRER, Chair of the Department of Geology and Professor of Geology. B.S., M.S. Ph.D., Florida State University.

RYAN, CHUCK, Assistant Professor of Management. B.S., Oklahoma State University; B.S., M.B.A., University of Central Oklahoma; M.Tx., Ph.D., Georgia State University.

RYAN, MAUREEN ANN, Dean of the Honors College and Professor of English. B.A., Penn State University; M.A., Ph.D., Temple University.

SACCOCCIA, PHILIP, JR., Adjunct Clinical Associate Professor of Medical Technology. B.S., Providence College; M.D., Albany Medical College.

SAGER, MARTHA, Coordinator of Educational Programs at the J. L. Scott Marine Education Center and Aquarium. Ph.D., Florida Institute of Technology.

SALDA, MICHAEL N., Chair of the Department of English and Associate Professor of English. B.A., M.A., Ph.D., University of Chicago.

SANCHEZ-ALONSO, RAFAEL, Chair of Department of Foreign Languages and Literatures and Associate Professor of Spanish. B.A., (equivalent), Scolasticat de Vanier, Ottawa, Canada; M.A., Catholic University of America; Ph.D., Tulane University.

SANCHEZ, RICHARD XAVIER, Associate Professor of Music. B.A., Tulane University; M.M., Ph.D., Louisiana State University.

SANIGA, RICHARD DENNIS, Professor of Speech and Hearing Sciences. B.S., Indiana University; M.S., University of Oklahoma; Ph.D., Southern Illinois University.

SANTANGELO, GEORGE MICHAEL, Associate Professor of Biological Sciences. B.A., University of Pennsylvania; Ph.D., Yale University.

SANTELL, ROSS, Assistant Professor of Nutrition and Food Systems. B.S., M.S., The University of Southern Mississippi; Ph.D., Michigan State University.

SAUL, JANE, Instructor of Child and Family Studies, B.S., M.S., University of Mississippi.

SAWYER, W. CHARLES, Professor of Economics. B.A., M.A., St. Mary's University; Ph.D., University of Arkansas.

SCARBOROUGH, WILLIAM KAUFFMAN, Professor of History; A.B., University of North Carolina; M.A., Cornell University; Ph.D., University of North Carolina.

SCHAUB, MARY TURPEN, Assistant Professor of Speech and Hearing Sciences. B.A., M.S., University of Wyoming.

SCHEETZ, RAYMOND WAYNE, Professor of Biological Sciences. B.S., Philadelphia College of Pharmacy and Science; M.S., Ph.D., University of Delaware.

SCHNUR, JAMES OLIVER, Professor of Educational Leadership and Research. B.S., M.S., State College, Fredonia, N.Y.; Ed.D., State University of New York, Buffalo.

SCHRINK, BARBARA, Instructor of Management Infomation Systems, Gulf Coast. B.A., Woman's College of Georgia; B.S.B.A., M.B.A., The University of Southern Mississippi.

SCIOLINO, MARTINA MARY, Associate Professor of English. B.A., M.A., Ph.D., State University of New York at Buffalo.

SCOTT, M. JANINE, Acting Assistant Dean and Associate Professor of Curriculum and Instruction. B.S., Texas A & I University; M.A., Sam Houston State University; Ph.D., Texas A&M University.

SCURFIELD, RAY M., Assistant Professor of Social Work, Gulf Coast. B.A., Dickinson College; M.S.W., Ph.D., University of Southern California–Los Angeles.

SELLERS, JAMES KEVIN, Instructor of Management Information Systems and Supervisor of CBA Computer Laboratory. B.S., M.B.A., The University of Southern Mississippi.

SEVIER, AMY, Instructor of Management. B.S.B.A., M.B.A., The University of Southern Mississippi.

SEYFARTH, BENJAMIN RAYBORN, Associate Professor of Computer Science and Statistics. B.S., Delta State University; M.S., The University of Southern Mississippi; Ph.D., University of Florida.

SHARP, BETTY SUE HUMPHRIES, Associate Professor of Home Economics. B.A., M.S., The University of Southern Mississippi.

SHEARER, GLENMORE, JR., Associate Professor of Microbiology. B.S., Murray State University; M.S., Ph.D., University of Oklahoma.

SHERES, DAVID, Associate Professor of Marine Science, Institute of Marine Sciences. B.S., Massachusetts Institute of Technology; M.S., University of Wisconsin; Ph.D., Scripps Institution of Oceanography.

SHERIDAN, MIRIAM GLUCK, Adjunct Clinical Associate Professor of Nursing. B.S., St. Olaf College; M.N., University of California at Los Angeles; Ed.D., Nova University.

SHILLER, ALAN MARK, Professor of Marine Science, Institute of Marine Sciences. B.S., California Institute of Technology; Ph.D., University of California, Scripps Institution of Oceanography.

SHOEMAKE, ALTA FAYE ADAMS, Assistant Professor of Nursing. B.S.N., M.N., University of Mississippi; M.S., The University of Southern Mississippi.

SHOEMAKER, HAROLD, Assistant Professor of Technical Occupational Education, Gulf Coast. B.S., M.S., Western Carolina University; Ph.D., University of Tennessee.

SIDERS, JAMES A., Professor of Special Education. B.S., M.Ed., Bowling Green State University: Ed.D., University of Florida.

SIDERS, JANE Z., Professor of Community Health. B.A., Millsaps College; M.Ed., Ed.D., Memphis State University.

SILTANEN, SUSAN ANN, Assistant Dean of the Graduate School and Director of Graduate Admissions and Professor of Speech Communication. B.A., M.A., University of South Florida; Ph.D., Ohio State University.

SIMMONS, WARLAND EUGENE, Associate Professor of Computer Science and Statistics, Gulf Coast. B.S., Louisiana State University; M.S., Ph.D., University of Southwestern Louisiana.

SIMS, PATRICIA C., Assistant Professor and Director of Marriage and Family Therapy. B.S., M.S., The University of Southern Mississippi; Ed.D., Auburn University.

SIROCHMAN, RUDY F., Assistant Professor of Physics and Astronomy. B.S., The Pennsylvania State University; M.S., University of Oklahoma; M.A., Ph.D., Indiana University.

SKILLING, IAN PAUL, Assistant Professor of Geology. B.S., University of Aston; Ph.D., University of Lancaster.

SLICK, SAM L., Professor of Spanish. B.A., M.A., Illinois State University; Ph.D., University of Iowa.

SLONAKER, CHARLES EDWARD III, Adjunct Clinical Associate Professor of Medical Technology. B.S., M.D., University of Tennessee.

SMITH, GASTON, Visiting Professor of Mathematics. B.S., The University of Southern Mississippi; M.A., Ph.D., University of Alabama.

SMITH, GLENN N., Adjunct Clinical Associate Professor of Medical Technology. B.S., University of Mississippi; M.D., University of Mississippi Medical School.

SMITH, JAMES PATTERSON, Associate Professor of History, Gulf Coast. B.A., Mississippi College; M.A., Ph.D., Vanderbilt University.

SMITH, JOHN LARRY, Adjunct Clinical Associate Professor of Medical Technology. B.S., University of Oklahoma; M.D., Tulane University School of Medicine.

SMITH, KANDY K., Instructor of Nursing. B.S.N., The University of Southern Mississippi; M.N., Emory University; D.N.S., Louisiana State University Medical Center in New Orleans.

SMITH, LARRY DEARMAN, Professor of Music. B.M., M.M., University of Mississippi; D.M.A., Southwestern Baptist Theological Seminary.

SMITH, MARGARET DONALDSON, Professor of Educational Leadership and Research. B.A., West Virginia Wesleyan College; M.A., Ed.D., West Virginia University; J.D., West Virginia University College of Law.

SMITH, MICHAEL CLAY, Professor of Criminal Justice. L.L.B., Mississippi College; B.A., West Virginia Institute of Technology; M.A., University of Detroit; L.L.M., Tulane University; D.Min., The University of the South; Ed.D., West Virginia University.

SMITH, TOMMY VAN, Director of the Advertising Program and Associate Professor of Journalism. B.A., University of Georgia; M.S., Ph.D., The University of Southern Mississippi.

SMITH, W. ROBERT, Director of School of Accountancy and Information Systems and Associate Professor of Accounting. B.S., M.B.A., Ph.D., Louisiana State University.

SMITH, WILLIAM CURTIS, Assistant Dean for Corporate Relations, College of Business Administration and Assistant Professor of Marketing. B.S., M.B.A., Florida State University; D.B.A., Louisiana Tech.

SMITHKA, PAULA JEAN, Assistant Professor of Philosophy and Religion and Honors. B.A., B.S., University of North Carolina; M.A., Ph.D., Tulane University.

SOUTHERLAND, ARTHUR RAY, Professor of Educational Leadership and Research. B.M.Ed., M.Ed., Ph.D., East Texas State University.

SOWER, WILLIAM A., Instructor of Engineering Technology. B.S.E.E., University of Wyoming; M.S.E.E., Air Force Institute of Technology.

SPENCER, SARAH ARMSTRONG, Associate Professor, Information Services Librarian, Cook Library. B.A., University of Mississippi; M.L.S., University of Alabama.

STAMPER, ANITA MILLER, Professor of Family and Consumer Sciences. B.A., Morehead State University; M.S., The University of Southern Mississippi; Ph.D., University of Tennessee.

STAMPER, DONALD REXFORD, Associate Professor of English. B.A., Morehead State University; M.A., Ph.D., University of Arkansas.

STANBERRY, ANNE M., Assistant Director of the School of Family and Consumer Sciences and Assistant Professor of Child and Family Studies. B.S., M.S., East Carolina University; Ph.D., Kansas State University.

STANBERRY, JAMES PHILLIP, Associate Professor of Marriage and Family Therapy and Director of Clinical Training. B.A., Oklahoma Baptist University; M.R.E., Midwestern Baptist Theological Seminary; Ph.D., Southwestern Baptist Theological Seminary.

STANISZEWSKI, LINDA SHOEMAKE, Instructor of Accounting. B.S.B.A., M.P.A., The University of Southern Mississippi. C.P.A.

STERLING-TURNER, HEATHER E. Assistant Professor of Psychology. B.A., University of the South; M.S., Ph.D., Mississippi State University.

STEWART, MARY W., Instructor of Nursing. B.S.N., Mississippi College; M.S.N., University of Mississippi, Medical Center.

STEWART, RANDALL, Visiting Instructor of Managemet. B.S.B.A., M.B.A., The University of Southern Mississippi.

STITH, JAMES LOGAN, Adjunct Clinical Assistant Professor of Medical Technology. A.B., M.D., George Washington University.

STOGNER, EDNA SHIRLENE, Associate Professor, Information Services Librarian, Cook Library. B.A., The University of Southern Mississippi; M.S., Louisiana State University.

STOREY, ROBSON F., Professor of Polymer Science. B.S., The University of Southern Mississippi; Ph.D., University of Akron.

STRINGER, GARY ALLEN, Professor of English. B.A., M.A., Ph.D., University of Oklahoma.

STRINGER, GARY LAYNE, Adjunct Professor of Geology. B.S., M.S., Ed.S., Northeast Louisiana University; Ph.D., The University of Southern Mississippi.

STRINGER, MARY ANN, Associate Professor of Music. B.A., Oklahoma University; M.M., The University of Southern Mississippi; D.M.A., University of Oklahoma.

STUART, JEFFREY L., Professor of Mathematics. B.A., Pomona College; M.A., Ph.D., University of Wisconsin, Madison.

STUCK, KENNETH C., Assistant Professor of Coastal Sciences. B.S., University of New Orleans; M.S., The University of Southern Mississippi; Ph.D., University of Alabama at Birmingham.

SULENTIC, MARGARET-MARY, Assistant Professor of Curriculum and Instruction. B.A., M.A.E., University of Northern Iowa; Ph.D., University of Iowa.

SULLIVAN, WARREN CLAYTON, Professor of Philosophy and Religion. B.A., Mississippi College; M.A., Temple University; B.D., Ph.D., Southern Baptist Theological Seminary.

SUMRALL, BRENDA N.C., Field Instructor of Social Work. B.A., Mississippi College; M.S.W., The University of Southern Mississippi.

SUN, YOULI, Associate Professor of History. B.A., Peking Languages College; B.A., Colby College; M.A., Ph.D., University of Chicago.

SURRY, DANIEL W., Assistant Professor of Instructional Technology. B.A., The University of Alabama; M.S., University of South Alabama; Ed.D., The University of Georgia.

SUTER, TRACY, Assistant Professor of Marketing and Finance. B.B.A., Wichita State University; M.B.A., Ph.D., University of Arkansas.

SWAGER, RONALD JOHN, Professor and Director of the Department of Economic Development. A.B., A.M., Ph.D., University of Illinois.

TARDY, CHARLES HOLMAN, Professor of Speech Communication. B.A., Mississippi State University; M.A., Ph.D., University of Iowa.

TAYLOR, JAMES, Instructor of Hospitality Management and Director, Charcoal Room. B.S., The University of Southern Mississippi; M.B.A., University of South Florida.

TAYLOR, WALTON R. L., Chair of Division of Business Administration, Gulf Coast and Professor of Finance, Gulf Coast. B.S., California State University; Ph.D., Penn State.

TAYLOR, WILLIAM BANKS III, Professor of Criminal Justice. B.A., M.A., The University of Southern Mississippi; Ph.D., University of London; Advanced legal study, British Academy of Forensic Sciences.

TELLER, HENRY EMANUEL, JR., Associate Professor of Speech and Hearing Sciences. B.A., Livingston University; M.A., Ed.D., University of Alabama.

TERRIO, LEELEN MARK, Associate Professor of Speech and Hearing Sciences and Supervisor of Audiology Clinic. B.A., Nicholls State University; M.S., The University of Southern Mississippi; Ph.D., Florida State University.

THAMES, DANA G., Chair and Professor of Curriculum and Instruction. B.S., M.Ed., The University of Southern Mississippi; Ph.D., Louisiana State University.

THAMES, SHELBY FRELAND, Distinguished University Research Professor of Polymer Science. B.S., M.S., The University of Southern Mississippi; Ph.D., University of Tennessee.

THOMPSON, JANICE P., Assistant Director and Instructor of Educational Field Experiences. B.A., Illinois State University; M.A., Adams State College; Ph.D., The University of Southern Mississippi.

THOMPSON, S. KAROLYN, Professor, Interlibrary Loan Coordinator, Cook Library. B.S., Jackson State University; M.S., University of Illinois.

THORNTON, JOYOUS, Assistant Professor of Social Work. B.A., M.S.W., University of Oklahoma; Ph.D., Barry University.

THORPE, PAMELA KAY, Assistant Professor of Educational Leadership and Research. B.A., B.S., M.Ed., Wichita State University; Ph.D., Notre Dame University.

THRASH, DAVID S., Adjunct Clinical Instructor of Medical Technology. B.S., The University of Southern Mississippi.

THRASH, JOE BARHAM, JR., Chair of the Division of Arts and Sciences, Gulf Coast, and Associate Professor of Mathematics. B.S., M.S., Lamar State College; Ph.D., Texas Tech University.

TINGSTROM, DANIEL H., Professor of Psychology. B.A., University of New Orleans; M.S., Mississippi State University; Ph.D., Tulane University.

TISDALE, MARTHA R., Instructor of Music. B.M.E., Mississippi University for Women; M.M.E., The University of Southern Mississippi.

TOPPING, SHARON, Associate Professor of Management. B.S., Virginia Polytechnic Institute & State University; M.A., Pennsylvania State University; Ph.D., University of Alabama at Birmingham.

TORNOW, JOANNE S., Associate Professor of Biological Sciences. B.A., Rutgers University; Ph.D., Yale University.

TORRES, JENNIFER, Chair and Associate Professor of Art; B.F.A., Cooper Union; M.F.A., The University of Georgia.

TORRES, PAUL DELMAS, Professor of Accounting. B.S.C., Spring Hill College; M.B.A., Ph.D., University of Alabama. C.P.A.

TRAYLOR, JOAN, Coordinator of Interior Design Program and Associate Professor of Interior Design. B.S., M.S., Western Kentucky University.

TREVINO, LEN J., Assistant Professor of Economics. B.B.A., University of Notre Dame; M.B.A., Ph.D., Indiana University.

TUCKER, SAMUEL, Visiting Associate Professor of Social Work. B.S.W., Goshen College; M.S.W., Wayne State University.

TURNER, HEATHER, Assistant Professor of Psychology. M.S., Mississippi State University.

TURNER, ROBERT W., Instructor of Sociology. B.A., M.A., University of Mississippi; doctoral study, Florida State University.

TUSA, BOBS M., Assistant Professor, University Archivist, McCain Library and Archives. B.A., Baylor University; M.A., Tulane University; M.L.S., University of Alabama; Ph.D., Tulane University.

UNNOLD, YVONNE, Assistant Professor of Spanish. B.A., University of California, Davis; M.A., Ph.D., University of Washington, Seattle.

URBAN, MAREK W., Professor of Polymer Science. B.S., University of Mining and Mettalurgy, Cracow, Poland; M.S., Marquette University; Ph.D., Michigan Technological University.

VAJPAYEE, S. KANT, Professor of Engineering Technology. B.Sc. Engg., Patna University; M.M.E., Jadavpur University; Ph.D., University of Birmingham.

VAN HOUTEN, HAROLD D. III, Professor of Art, B.F.A., Alfred University; M.F.A., Pennsylvania State University.

VAN SICKLE, JOELLE, Assistant Professor of Dance. B.F.A., Montclair State University; M.F.A., Temple University.

VELASQUEZ, BENITO, Assistant Professor of Human Performance. B.S., M.Ed., University of Arizona; D.A., Middle Tennessee State University.

VER BERKMOES, CORNELIUS HENRY, Instructor of Computer Science and Statistics, Gulf Coast. B.A., Chapman College; B.S., M.S., The University of Southern Mississippi.

VEST, MICHAEL JEFFREY, Associate Professor of Management. B.S., M.S., Ph.D., Virginia Polytechnic Institute and State University.

VICENTE, ARIE, Director of M.A.T.L. Program and Associate Professor of Spanish. B.A., M.S., Universite´ de Paris VII; Ph.D., Pennsylvania State University.

VILLEPONTEAUX, MARY, Associate Professor of English. B.A., College of Charleston; M.A., University of Sussex; Ph.D., Louisiana State University.

VON HERRMANN, DENISE, Assistant Professor of Political Science, Gulf Coast. B.S., Washington & Jefferson College; M.A., Jacksonville State University; Ph.D., University of Alabama.

WAGNER, WILLIAM G., Professor of Psychology. B.S., Indiana University; M.Ed., University of Vermont; Ph.D., University of Florida.

WALDOFF, STANLEY, Professor of Music. B.S., M.S., Juilliard School of Music; Ed.D., Columbia University.

WALES, ROBERT WARE, Chair of Department of Geography and Planning and Professor of Geography and Planning. B.S., M.S., Oregon State University; Ph.D., University of Kansas.

WALKER, DAVID W., Associate Professor of Special Education. B.S., Ohio State University; M.A., University of Minnesota; Ed.D., Ball State University.

WALKER, SHARON H., Associate Dean for Outreach of the Institute of Marine Sciences and Professor of Coastal Sciences. B.S., Millsaps College; M.S., Louisiana State University; Ph.D., The University of Southern Mississippi.

WALKER, THOMAS, Director of School of Library and Information Science and Associate Professor of Library and Information Sciece. B.M., University of Colorado-Boulder; M.M., Northwestern University; M.A., University of Chicago; Ph.D., University of Illinois-Urbana-Champaign.

WALKINGTON, KENNETH L., Captain, USA, and Assistant Professor of Military Science. B.S., University of Oklahoma.

WALL, KAY LAVENDER, Associate Professor, Director of Public Services, USM Libraries. B.A.E., University of Mississippi; M.L.S., Louisiana State University.

WALLACE, ANNE D., Director of Women's Studies and Associate Professor of English. B.A., M.A., University of Kansas; Ph.D., University of Texas at Austin.

WALLER, RICHARD S., Senior Scientist. B.S., Alabama College (University of Montevallo).

WALLEY, VICKY J., Instructor of Nursing. B.S.N., M.S.N., University of Mississippi, Medical Center.

WALLS, GARY LEE, Professor of Mathematics. B.A., University of Kansas; M.S., Ph.D., University of Utah.

WALLS, SUSAN C., Assistant Professor of Biological Sciences. B.S., Mississippi State University; M.S., Ph.D., University of Southwestern Louisiana.

WALTMAN, JEROLD LLOYD, Professor of Political Science. B.A., Louisiana Tech University; M.A., University of Denver; Ph.D., Indiana University.

WANG, SHIAO YU, Associate Professor of Biological Sciences. B.S., William Carey College; M.S., The University of Southern Mississippi; Ph.D., Louisiana State University.

WARD, HARRY CALVIN, JR., Chair and Professor of Art. B.A., The University of Southern Mississippi; M.A., East Tennessee State University.

WARREN, JAMES R., Senior Scientist. B.S., Northwest Missouri State University; M.S., The University of Southern Mississippi.

WASHINGTON, EARLIE M., Director of School of Social Work and Associate Professor of Social Work. B.A., Tougaloo College; M.S.W., Ohio State University; Ph.D., University of Chicago.

WATSON, KENNETH V., Associate Professor of English. A.B., Kenyon College; M.A., University of Vermont; Ph.D., Duke University.

WATSON, WILLIAM, Associate Professor of English, Gulf Coast. B.A., Western Illinois University; M.A., Ph.D., Louisiana State University.

WEBB, TOMMY ROBERT, Visiting Instructor of Family and Consumer Sciences. B.S., M.S., The Univresity of Southern Mississippi.

WEBSTER, DENNIS BRUCE, Director. Division of Broadcasting and Radio/Television Services, and Assistant Professor of Radio, Television, and Film. B.A., M.A., University of Michigan.

WEBSTER, MICHAEL J., Assistant Professor Human Performance. B.S., Oregon State University; M.A., University of Northern Iowa; Ph.D., Auburn University.

WEINAUER, ELLEN MARY, Associate Professor of English. B.A., University of Wisconsin; M.A., Ph.D., Indiana University.

WELLS, KATHLEEN, Assistant Professor, Senior Catalog Librarian, Cook Library. B.A., Louisiana State University; M.S.L.S., Louisiana State University.

WERTZ, DAVID LEE, Professor of Chemistry and Biochemistry. B.S., Arkansas State University; M.S., Ph.D., University of Arkansas.

WESLEY, ANDREA LOTT, Professor of Psychology. B.A., M.A., Texas Woman's University; Ph.D., Florida State University.

WEST, M. GENEVIEVE, Assistant Professor of English. B.A., M.A., Mississippi State University; Ph.D., Florida State University.

WHEAT, EDWARD MCKINLEY, Professor of Political Science. B.A., M.A., University of Missouri; Ph.D., University of California, Santa Barbara.

WHEELER, DAVID MARK, Professor of English. A.B., University of Illinois; M.A., University of Chicago; Ph.D., University of Virginia.

WHEELER, MARJORIE SPRUILL, Professor of History and Director of the University Forum. B.A., University of North Carolina, Chapel Hill; M.A.T., Duke University; M.A., Ph.D., University of Virginia.

WHITE, BARBARA L., Assistant Professor of Educational Leadership and Research. B.A., M.A., Austin Peay State University; Ph.D., Bowling Green State University.

WHITEHEAD, JOE B., Chair of Department of Physics and Astronomy and Associate Professor of Physics and Astronomy and Chemistry and Biochemistry. B.S., Delta State University; M.A., Ph.D., Kent State University.

WHITESELL, FRANK COOK, Associate Professor of Economics. B.A., M.A., University of South Carolina; Ph.D., Tulane University.

WHITING, MELISSA ELLIS, Assistant Professor of Curriculum and Instruction. B.S., M.A., University of Tulsa; Ph.D., University of Oklahoma.

WHORTON, JAMES E., Professor of Special Education. B.S.E., Arkansas State Teachers College; M.J.E., State College of Arkansas; Ed.D., Colorado State College.

WIESENBURG, DENIS, Chair and Professor of Marine Science. B.A., Duke University; M.S., Old Dominion University; Ph.D., Texas A & M University.

WIEST, ANDREW ALLEN, Associate Professor of History. B.S., M.A., The University of Southern Mississippi; Ph.D., University of Illinois at Chicago.

WIGGINS, ROBERT GENE, Director of the School of Communication and Professor of Journalism. B.S., M.S., The University of Southern Mississippi; Ph.D., Southern Illinois University.

WILCZYNSKI, SUSAN M., Assistant Professor of Psychology. B.A., Indiana University Northwest; M.A., Northern Illinois University; Ph.D., Indiana State University.

WILDER, PAUL J., Assistant Professor of Engineering Technology. B.S., University of Vermont; M.S., University of Central Florida.

WILLIAMS, ALVIN JEROME, Chair of Department of Management and Marketing and Professor of Marketing. B.S., The University of Southern Mississippi; M.A., University of Alabama; Ph.D., University of Arkansas.

WILLIAMS, DELORIS, Instructor of Social Work. B.S.W., Jackson State University; M.S.W., The University of Southern Mississippi.

WILLIAMS, DONALD LEE, Associate Professor of Geography and Planning. B.A., M.A., Ph.D., University of Kansas.

WILLIAMS, JAMES O., Vice President of USM Gulf Coast and Professor of Educational Administration, Gulf Coast. B.S., M.Ed., Ed.D., Auburn University.

WILLIAMS, JUDITH, Instructor of Biology, Gulf Coast. B.S., The University of Southern Mississippi; M.S., Louisiana State University; Ph.D., University of South Carolina.

WILLIAMS, MARGARET E., Publications Manager and Instructor of Journalism. B.A., Millsaps College; M.S., The University of Southern Mississippi.

WOLFE, IRMGARD H., Associate Professor, Catalog Librarian, Cook Library, Abitur, Munich Luisengymnasum; M.S., M.L.S., The University of Southern Mississippi.

WOLFE, JAMES HASTINGS, Professor of Political Science. B.A., Harvard College; M.A., University of Connecticut; Ph.D., University of Maryland.

WOOD, FORREST EDWARDS, JR., Chair of Department of Philosophy and Religion and Professor of Philosophy and Religion. B.A., Baylor University; Ph.D., Southwestern Baptist Theological Seminary.

WOOD, VIVIAN POATES, Professor of Music. B.Mus., Hartt College of Music; M.Mus., Ph.D., Washington University; Ellen Battell Stoeckel Fellowship (Yale).

WOOTON, JOHN ANDREW, Assistant Professor of Music. B.M., The University of Southwestern Louisiana; M.M., The University of North Texas; D.M.A., University of Iowa.

XIE, DEXUAN, Assistant Professor of Mathematics. B.S., M.S., Hunan University; Ph.D., University of Houston

YADRICK, M. KATHLEEN, Graduate Coordinator and Associate Professor of Food and Nutrition. B.S., M.S., Michigan State University; Ph.D., Oklahoma State University.

YORK, PAUL A. DIEBOLD, Assistant Professor of Music. B.M., University of Southern California; M.A. in Music, University of California, Santa Barbara.

YOUNG, AMY LAMBECK, Assistant Professor of Anthropology. B.A., University of Louisville; M.A., Ph.D., University of Tennessee.

YSSEL, JOHAN C., Associate Professor of Journalism. B.A., Potchefstroom University; B.A., Rand Afrikaans University; M.S.J., West Virginia University; DLitt et Phil, University of South Africa.

YUEN, STEVE CHI-YIN, Professor of Technology Education. B.Ed., National Taiwan Normal University; M.A., East Tennessee State University; Ph.D., Pennsylvania State University.

ZANINELLI, LUIGI JOHN, Professor of Music. D.I.P., Curtis Institute of Music.

ZANTOW, KEN, Visiting Instructor of Management, Gulf Coast. B.A., Southern Illinois University; M.B.A., Pittsburgh Sate University.

ZOELLER, ROBERT F., Assistant Professor of Human Performance. B.S., Duquesne University; M.S., Ph.D., University of Pittsburgh.

Index

A

Absences 66
Academic Honesty 69
Academic Information, General 65
Academic Majors ....See Departments
Academic Organization....81
Academic Probation 68
Academic Progress Policy, Satisfactory....27
Academic Standards 68
Academic Suspension 68
Accountancy and Information Systems, School of ...124
Accounting 344
  Accounting PACE Degree Plan 128
Accrediting Agencies 5
Acting PACE Degree Plan....116
Add/Drop/Withdrawal....65
Additional Policies, Financial Aid....30
Administration, Officers of....456
Administrative Withdrawal....67
Admission to the University 10
  Admission, College of Nursing 14
  Admissions, Special....16
  Application Procedures for Freshmen 10
  Application Procedures for Transfer Students....11
  International Students, Requirements for....15
  Other Admission Categories....16
    Admission by Examination....16
    Early Admission 16
    Non-traditional Students....16
    Special Admissions....16
      Dual Enrollment....16
  Probationary Admission....13
Admitted Student Information....17
    Advisement 17
    Orientation....17
Adult Education 344
Advanced Placement Program 70
Advertising....207
  Advertising PACE Degree Plan 230
Advisement 17
Aerospace Studies 213, 345
AFROTC Scholarship Program 213
Allied Arts 346
Alumni Association 9, 31
American Red Cross Certification 170
American Studies 214, 346
  American Studies PACE Degree Plan 242
Americans with Disabilities Act....9, 63
Anthropology 346
  Anthropology PACE Degree Plan 243
Anthropology and Sociology....215
Application for Degree 79
Applied Gerontology Educational Services 145
Aquatics Specialization....170
Architectural Engineering Technology 279, 348
  Architectural Engineering Technology PACE Degree Plan....294
Archives (The William D. McCain Library) 7
Art 349
  Art PACE Degree Plan....108
Art, Department of....90
Art Education 352
  Art Education PACE Degree Plan 109
Arts, College of The 85
Astronomy 353
Athletic Training Program 172
Athletics 57
Audiology 229
Auditing Courses 29, 67
Automobiles on Campus 61

B

Baccalaureate Degree, Second....80
Bands 59
Banking and Finance PACE Degree Plan 132
Bilbo Collection (The William D. McCain Library)....7
Biochemistry 284
  Biochemistry PACE Degree Plan 316
  Biochemistry (ACS-Certified) PACE Degree Plan317
Biological Sciences 283, 353
  Biological Sciences PACE Degree Plan....309
  Biological Sciences (Licensure) PACE Degree Plan....310
Board (Fees)....20, 22
Board of Trustees 455
Bootstrap Program Requirements for Military Personnel....14
Broadcast Journalism PACE Degree Plan....235
Brooks Collection (The William D. McCain Library)..7
Bulletins 8, 73
Business Administration, College of 119
Business Administration 126, 358
  Business Administration PACE Degree Plan....136
Business Technology Education 147, 359
  Business Technology Education PACE Degree Plan....153

C

Calendar, Academic 1, 2
Career Center, The....62
Career Planning and Placement 62
Catalog, Choice of 72
Center for Community Health 176
Center for Gifted Studies....146
Center for International Education 197
Center for Literacy and Assessment....145
Center for Molecular and Cellular Biosciences....276
Center for Science and Mathematics Education....275
Center for Writers 218
Challenge Examination 23, 70
Change of Major 69
Chemistry and Biochemistry 284, 360
Chemistry 284
  Chemistry PACE Degree Plan....318
  Chemistry (ACS-Certified Program) PACE Degree Plan....315
  Chemistry (Licensure) PACE Degree Plan 319
Child and Family Studies....164
  Child and Family Studies PACE Degree Plan 178
Child Development 362
Chinese 386

Choral-Guitar PACE Degree Plan....103
Choral-Keyboard PACE Degree Plan....105
Choral-Vocal PACE Degree Plan....106
Church Music PACE Degree Plan....92
Classification of Undergraduates....65
CLEP Program (College Level Examination)....69, 70
Clinics, Psychology Department....146
Coaching and Sports Administration....171
Coaching and Sports Administration PACE Degree Plan....184
Coastal Sciences....363
Colmer Collection (The William D. McCain Library) .7
Communication....208
Communication PACE Degree Plan....231
Communication, School of....207
Community Health, Center for....176
Community Health Sciences....364
Community Health Sciences PACE Degree Plan....189
Community Planning and Development....195
Community Planning and Development PACE Degree Plan....200
Composition PACE Degree Plan....93
Computation of Grade Point Average....67
Computer Engineering Technology....280, 366
Computer Engineering Technology PACE Degree Plan....295
Computer Science....367
Computer Science PACE Degree Plan....320
Computer Science (Licensure) PACE Degree Plan....321
Computer Science and Statistics....286, 369
Construction Engineering Technology....280, 370
Construction Engineering Technology PACE Degree Plan....296
Construction Engineering Technology (Civil) PACE Degree Plan....297
Continuing Education and Distance Learning....198
Continuing Education and Off Campus Centers....23
Cook Library....7
Cook, University Union....63
Cooperative Education....23, 29, 62, 372
Core (General Education Curriculum)....73
Correspondence....(Reverse side of The Contents page)
Counseling Center, University....64
Course Abbreviations....343
Course Descriptions....343
Course Load (Full-Time Status)....65
Course Numbering....65
Course of Study, Maximum Length of Time to Complete....28
Course Sequences....65
Cox Library....7
Credit by Examination....69
Credit Usage, Summary of Types and Limitations....71
Criminal Justice....216, 372
Criminal Justice PACE Degree Plan....245
Curriculum and Instruction, Department of....148
Curriculum and Instruction Elementary Education....149, 373
Curriculum and Instruction Reading....374
Curriculum and Instruction Secondary Education....375

D

Dance....90, 375
Dance Education....376
Dance Education PACE Degree Plan....115
Dance Performance and Choreography PACE Degree Plan....114
Dean's List....68
Degree, Application for....79
Degree Requirements,
General....72
Special....See Departments
Degrees, Second Baccalaureate....80
Degrees with Honors....79
deGrummond Collection (The William D. McCain Library)....7
Design and Technical PACE Degree Plan....117
Disability Accommodations, Office for....63
Dietetics, Nutrition and....169
Dixie Darlings....59
Drawing and Painting PACE Degree Plan....110
Driver Education Certification....170
Dual Enrollment....16

E

Early Admission....16
Economics, Finance, and International Business, Department of....125
Economics (Business)....125, 377
Economics PACE Degree Plan....131
Economics (Liberal Arts)....216
Economics (with Mathematics) PACE Degree Plan247
Economics (with Social Science) PACE Degree Plan248
Education and Psychology, College of....141
Education of the Deaf....228
Education of the Deaf PACE Degree Plan....263
Education Service Center....146
Educational Field Experiences....144
Educational Leadership and Research, Department of....151
Electronics Engineering Technology....281, 377
Electronics Engineering Technology PACE Degree Plan....298
Elementary Education, Curriculum and Instruction .149
Elementary Education Concentrations....157
Elementary Education PACE Degree Plan....156
Engineering Technology....279, 379
English....217, 380
English PACE Degree Plan....249
English (Licensure) PACE Degree Plan....250
English Language Institute....15, 197
Enrollment Status....65
Environmental Biology PACE Degree Plan....311
Environmental Science....275, 382
Equal Opportunity....(See reverse side of front page)
Examinations, Final (See Calendar)....1, 2, 66
Exemption from Core Requirements....78
Expenses and Financial Aid, Student....21

F

Facilities and Student Services, University....61
Faculty....455
Emeritus....457
Family and Consumer Sciences, School of....163

Family and Consumer Sciences 165, 383
Family and Consumer Sciences Education PACE Degree Plan 180
Family Educational Rights and Privacy Act of 1974 (FERPA) 8
Family Housing (Pine Haven) 60
Family Studies 383
Fashion Merchandising and Apparel Studies 165, 384
Fashion Merchandising and Apparel Studies PACE Degree Plan 179
Fees, Schedule of 21
Fees and Expenses, Special 22
Field Experiences, Educational 144
Film PACE Degree Plan 236
Final Examinations 66
Finance 125, 385
Financial Aid Programs Available, Types of 25
Financial Aid, Additional Policies 29
Financial Aid, Student 25
Financial Information, Other 21
Financial Information Systems PACE Degree Plan..129
Fitness 63
Formulation Science, Institute for 276
Food Services 61
Foreign Languages and Literatures 218, 385
Foreign Languages: French PACE Degree Plan....251
Foreign Languages (Licensure) PACE Degree Plan254
Foreign Languages: Spanish PACE Degree Plan ..252
Foreign Languages: Two-Language Concentartion PACE Degree Plan 253
Forensic Science 291, 390
Forum, The University 338
Foundation Scholarships, University of Southern Mississippi 30
French 386
Freshmen, Application Procedures for 10
Full Time Student Expenses 22
Fundamentals of Science 391

G

General Academic Information 65
General Education Curriculum (Core) 73
General Studies Program 221, 391
General Studies: Liberal Arts Curriculum PACE Degree Plan 255
General Studies: University Curriculum PACE Degree Plan 256
General Theatre PACE Degree Plan 118
General Tuition 20
Geographic Information Technology PACE Degree Plan 202
Geography and Area Development 391
Geography and Planning, Department of 193
Geography PACE Degree Plan 201
Geology 286, 393
Geology PACE Degree Plan 323
Geology (General Science Licensure) PACE Degree Plan 324
German 387
Gifted Studies, The Center for 146
Grade Point Averages, Computation of 67
Grade Point Requirement (Major and Minor) 72, 79
Grade Review Policy 67
Grades 66
Graduation Exercises (See Calendar) 1, 2
Graphic Communication PACE Degree Plan 111
Grants 25
Greek 388
Greek Organizations 57
Gulf Coast, USM 339
Gulf Coast Research Laboratory 331
Gunn Education Materials Center 7, 145
Gutsch Clinic 147

H

Health and Human Sciences, College of 161
Health Services 62
High School Independent Studies (See Continuing Education) 199
History 221, 395
History PACE Degree Plan 257
History (Licensure in Social Studies) PACE Degree Plan 258
History and Literature PACE Degree Plan 261
Honors College 335, 399
Fees 22
General 335
Senior 336
Honor Societies 57
Honor Requirements 335
Honors, Degrees with 79
Honors Scholars 26, 338
Hospitality Management 177, 399
Hospitality Management PACE Degree Plan 190
Hour Requirements 72
Housing
Student 60
Family 60
HP&R Lifetime Fitness and Activity Instructional Program 171
Human Performance 171
Human Performance and Recreation 400
Human Performance and Recreation, School of 169
Humanities 223, 407

I

ID Cards, Student 21, 23
Immunization Requirements 17
Independent Study 71, 199
Industrial Engineering Technology 281, 407
Industrial Engineering Technology PACE Degree Plan 299
Industrial Engineering Technology (Manufacturing Emphasis) PACE Degree Plan .300
Information and Services, Other General 8
Institute for Environmental Science 275
Institute for Formulation Science 276
Institute of Marine Sciences 331
Instrumental PACE Degree Plan 104
Insurance PACE Degree Plan 133
Interior Design 167, 408
Interior Design PACE Degree Plan 181

International and Continuing Education, College of 191
International Business 126, 410
International Business PACE Degree Plan 135
International Education, Center for 197
International Programs, Office of 198
International Student Affairs, Office of 197
International Students, Requirements for 15
Evaluation Fee (Registration and Records) 23
International Studies 224, 410
International Studies PACE Degree Plan 259
Introduction 3
Italian 388

J

Japanese 388
Jazz Studies PACE Degree Plan 95
Johnson Papers (The William D. McCain Library) 7
Journalism 208, 410
Juvenile Justice PACE Degree Plan 246

K

Keesler Center (Gulf Coast) 339
Kinesiotherapy 172

L

Late Registration 23, 65
Latin 388
Learning in Retirement, Institute for 199
Learning Skills 412
Liberal Arts, College of 203
Library Services, University 7
Library and Information Science 212, 412
Library and Information Science PACE Degree Plan 240
Library and Information Science (Licensure) PACE Degree Plan 241
Library and Information Science, School of 212
Limitation of Credit 71
Listener's License 199
Literacy and Assessment, Center for 145
Loans 25

M

Major, Change of 69
Major Field Requirements 78
Management 126, 413
Management and Marketing, Department of 126
Management Information Systems 125, 413
Management Information Systems PACE Degree Plan 130
Management PACE Degree Plan 137
Manufacturing Technology 414
Marine Education Center and Aquarium, J.L. Scott 331
Marine Biology PACE Degree Plan 312
Marine Officer Programs 27
Marine Science 414
Marine Science, Institute of 331
Marketing 127, 416
Marketing PACE Degree Plan 139
Mathematics 287, 417
Mathematics PACE Degree Plan 325
Mathematics (Licensure) PACE Degree Plan 326
Mathematics Education Services Center 144
McCain Library 7
Meals (Board/Food Services) 20, 22, 61
Mechanical Engineering Technology 282, 419
Mechanical Engineering Technology PACE Degree Plan 305
Medical Technology 288, 420
Medical Technology PACE Degree Plan 327
Microbiology PACE Degree Plan 313
Military Credit, Acceptance of 14
Military Science 225, 422
Minor Field Requirements 78
Mississippi Polymer Institute 276
Molecular and Cellular Biosciences, Center for 276
Molecular Biology PACE Degree Plan 314
Museum of Art 7
Music 423
Music Industry PACE Degree Plan 96
Music, School of 86
Music Education 88, 425
Music Fees 22
Music Performance Studies 427
Music Resource Center 7

N

News-Editorial PACE Degree Plan 232
News-Editorial (Photojournalism Concentration) PACE Degree Plan 233
Non-Traditional Students 16
Nursing 431
Nursing (RN Completion) 270
Nursing, College of 265
Baccalaureate 14, 267
Baccalaureate Nursing 269
Registered Nurses Program 268
Validation of Previously Earned Credit 70
Nutrition and Dietetics 169
Nutrition and Dietetics PACE Degree Plan 182
Nutrition and Food Systems 433

O

Oak Ridge Associated Universities 8
Office Administration 148
Office Administration PACE Degree Plan 155
Olliphant Scholarships 26
Organ PACE Degree Plan 97
Organizations 57
Orientation 17

P

PACE (Programmed Academic Curriculum Evaluation) 79
Paralegal Studies 226, 434
Paralegal Studies PACE Degree Plan 260
Part-Time Students, Expenses 22
Pass/Fail Grading Option 66
Payment of Fees 21
Payne Center 63
Percussion PACE Degree Plan 98
Performing Groups 58
Philosophy 434

Philosophy PACE Degree Plan 261
Philosophy and Religion, Department of 227
Physical Education PACE Degree Plan 183
Physics 435
Physics PACE Degree Plan 328
Physics (Licensure) PACE Degree Plan 329
Physics and Astronomy 290
Piano PACE Degree Plan 99
Pine Haven Apartments 60
Placement Center 62
Planning 436
Political Science 227, 437
Political Science PACE Degree Plan 262
Polymer Science 291, 438
Polymer Science PACE Degree Plan 330
Polymers and High Performance Materials 291
Portuguese 389
Post Office Box 21, 22
Pre-Architecture PACE Degree Plan 307
Pre-Engineering PACE Degree Plan 308
Premedical and Health Professions 276
Premedical and Health Professions Office
Pre-Cytotechnology PACE Degree Plan 292
Pre-Dental PACE Degree Plan 292
Pre-Dental Hygiene PACE Degree Plan 292
Pre-Health Information Management PACE Degree Plan 292
Pre-Medical PACE Degree Plan 292
Premedical and Health Professions Office
Pre-Occupational Therapy PACE Degree Plan ..293
Pre-Optometry PACE Degree Plan 293
Pre-Pharmacy PACE Degree Plan 293
Pre-Physical Therapy PACE Degree Plan 293
Pre-Veterinary PACE Degree Plan 293
Pre-professional Degrees, Hour and Quality Point Requirements for 72
Pre-professional Programs
Pre-Cytotechnology 276
Pre-Dental 277
Pre-Dental Hygiene 277
Pre-Engineering 282
Pre-Health Information Management 277
Pre-Law 229
Pre-Medical 277
Pre-Occupational Therapy 278
Pre-Optometry 278
Pre-Pharmacy 278
Pre-Physical Therapy 278
Pre-Veterinary 278
Presidents, USM 3
President's List 68
Privacy Act (FERPA) 8
Probation, Academic 68
Production/Operations Management PACE Degree Plan 138
Psychology 151, 439
Psychology PACE Degree Plan 158
Psychology Clinic 146
Psychology Service Center, School 147
Public Relations PACE Degree Plan 234
Publishing Information .(See reverse side of front page)
Pulley-Pulley Gough Scholarship 26
Purpose Statement 4

Q

Qualitative Measures (Financial Aid) 27
Quantitative Measures (Financial Aid) 28

R

Radio, Television, and Film 209, 441
Radio-Television Production PACE Degree Plan..237
Real Estate and Insurance 443
Real Estate PACE Degree Plan 134
Insurance PACE Degree Plan 133
Reapplying to the University 18
Recreation 173
Recreation Administration PACE Degree Plan 186
Recreational Sports 63
Reading Center Fees 22
Refund Policy 24, 30, 65
Registration (See Calendar) 1, 2, 65
Fees 21
Rehabilitation Act of 1973 and the Americans with Disability Act 9, 63
Religion 443
Religious Organizations 58
Repayment 30
Repeating Courses (Computation of GPA) 29, 67
Research and Foundations 444
Residence Hall Assignments 60
Residence Life, Department of 60
Residence Hour Requirements 72
Residency Regulations 18
Retention of Students and Program Completion Information 9
ROTC Scholarship Program 27, 213, 225
Russian 389

S

Satisfactory Academic Progress Policy, Financial Aid 27
Schedule Changes (Add/Drop/Withdraw) 65
Schillig-Baird Scholars 26
Scholarships, Foundation 30
Scholarships, University 26
School Psychology Service Center 147
Science and Mathematics Education, Center for 275
Science and Technology, College of 271
Science Education 444
Second Baccalaureate Degree 28, 80
Secondary Education 354
Secondary Teacher Education Program 149
Service Organizations 58
Simultaneous Membership Program (Military Science) 226
Social and Rehabilitation Services 152
Social and Rehabilitation Services PACE Degree Plan 159
Social Work 444
Social Work PACE Degree Plan 188
Social Work, School of 173
Sociology 445
Sociology PACE Degree Plan 244
Software Engineering Technology 283, 447
Software Engineering Technology PACE Degree Plan 306

Southerner (Student Publications) 59
Spanish 389
Special Subject Area Teacher Education 150
Special Admissions 16
Special Education 152, 448
Special Education PACE Degree Plan 160
Special Fees and Expenses 22
Special School Services 144
Speech and Hearing Clinic Fees 23
Speech and Hearing Sciences 228, 448
Speech Communication 210, 450
Speech Communication PACE Degree Plan 238
Speech Communication (Licensure) PACE Degree Plan 239
Speech-Language Pathology and Audiology 229
Speech-Language Pathology and Audiology PACE Degree Plan 264
Sports Medicine PACE Degree Plan 185
S.T.A.R.S. 65
Statistics, Computer Science and 286
Statistics PACE Degree Plan 322
Stennis Space Center 331
Strings PACE Degree Plan 100
Student Activities 57
Organizations 57
Student Community and Campus Life, The 60
Student Employment 27, 62
Student Expenses and Financial Aid 20
Additional Policies 29
Student Government Association 59
Student Life 57
Student Printz (Student Publications) 59
Student Publications 59
Student Teaching, Requirements for 144
Study Abroad (See International and Continuing Education) 193, 198
Summer Developmental Program 11
Supplemental Educational Grants 25
Suspension 68
Symphony, The USM 59

T

Teacher Education Programs and Requirements 143
Teaching Licensure (See Departments) 143
Technical and Occupational Education 148, 451
Technical and Occupational Education PACE Degree Plan 154
Technology Education, Department of 147
Telephone Service 20
Theatre 90, 452
Theatre and Dance, Department of 90
Therapeutic Recreation PACE Degree Plan 187
Therapy 454
Toxicology 454
Transcript Evaluations 14
Transcripts 69
Transfer Credit Policy 13
Transferred Credit 12
Transfer Students, Application Procedures for 11
Three Dimensional Design PACE Degree Plan 112
Tuition Fees, General 20

U

Union, R. C. Cook University 63
University Activities Council 60
University Core 73
University Forum 338
University Press of Mississippi 9
University Scholarships 26
University Theatre 58
University Union, R. C. Cook 63
USM Alumni Association 9
USM-Gulf Coast 339

V

Validation of Credit (Nursing) 70
Veterans Affairs 64
Vocational Credit 13
Voice PACE Degree Plan 101

W

Walen Collection (The William D. McCain Library) ... 7
Wind Instruments PACE Degree Plan 102
Withdrawal from the University 65
Women's Studies 229, 454
Workforce Training and Development 282
Workforce Training and Development (Computer Technology) PACE Degree Plan 301
Workforce Training and Development (Construction) PACE Degree Plan 302
Workforce Training and Development (Environmental Sciences) PACE Degree Plan ... 303
Workforce Training and Development (Industrial/Manufacturing) PACE Degree Plan . 304
Work-Study Program 27
Writers, The Center for 218
Writing Center, The 218
WUSM-FM 59

XYZ

NOTES

NOTES

NOTES

NOTES

NOTES

NOTES

2000

JANUARY							FEBRUARY							MARCH							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1			1	2	3	4	5				1	2	3	4							1
2	3	4	5	6	7	8	6	7	8	9	10	11	12	5	6	7	8	9	10	11	2	3	4	5	6	7	8
9	10	11	12	13	14	15	13	14	15	16	17	18	19	12	13	14	15	16	17	18	9	10	11	12	13	14	15
16	17	18	19	20	21	22	20	21	22	23	24	25	26	19	20	21	22	23	24	25	16	17	18	19	20	21	22
23	24	25	26	27	28	29	27	28	29					26	27	28	29	30	31		23	24	25	26	27	28	29
30	31																				30						

MAY							JUNE							JULY							AUGUST						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
	1	2	3	4	5	6					1	2	3							1			1	2	3	4	5
7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12
14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19
21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26
28	29	30	31				25	26	27	28	29	30		23	24	25	26	27	28	29	27	28	29	30	31		
														30	31												

SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
					1	2	1	2	3	4	5	6	7				1	2	3	4						1	2
3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	9
10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	16
17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	23
24	25	26	27	28	29	30	29	30	31					26	27	28	29	30			24	25	26	27	28	29	30
																					31						

2001

JANUARY							FEBRUARY							MARCH							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
	1	2	3	4	5	6					1	2	3					1	2	3	1	2	3	4	5	6	7
7	8	9	10	11	12	13	4	5	6	7	8	9	10	4	5	6	7	8	9	10	8	9	10	11	12	13	14
14	15	16	17	18	19	20	11	12	13	14	15	16	17	11	12	13	14	15	16	17	15	16	17	18	19	20	21
21	22	23	24	25	26	27	18	19	20	21	22	23	24	18	19	20	21	22	23	24	22	23	24	25	26	27	28
28	29	30	31				25	26	27	28				25	26	27	28	29	30	31	29	30					

MAY							JUNE							JULY							AUGUST						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
		1	2	3	4	5						1	2	1	2	3	4	5	6	7				1	2	3	4
6	7	8	9	10	11	12	3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	11
13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18
20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25
27	28	29	30	31			24	25	26	27	28	29	30	29	30	31					26	27	28	29	30	31	

SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1		1	2	3	4	5	6					1	2	3							1
2	3	4	5	6	7	8	7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8
9	10	11	12	13	14	15	14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15
16	17	18	19	20	21	22	21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22
23	24	25	26	27	28	29	28	29	30	31				25	26	27	28	29	30		23	24	25	26	27	28	29
30																					30	31					

2002

JANUARY							FEBRUARY							MARCH							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
		1	2	3	4	5						1	2						1	2		1	2	3	4	5	6
6	7	8	9	10	11	12	3	4	5	6	7	8	9	3	4	5	6	7	8	9	7	8	9	10	11	12	13
13	14	15	16	17	18	19	10	11	12	13	14	15	16	10	11	12	13	14	15	16	14	15	16	17	18	19	20
20	21	22	23	24	25	26	17	18	19	20	21	22	23	17	18	19	20	21	22	23	21	22	23	24	25	26	27
27	28	29	30	31			24	25	26	27	28			24	25	26	27	28	29	30	28	29	30				
														31													

MAY							JUNE							JULY							AUGUST						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
			1	2	3	4							1		1	2	3	4	5	6					1	2	3
5	6	7	8	9	10	11	2	3	4	5	6	7	8	7	8	9	10	11	12	13	4	5	6	7	8	9	10
12	13	14	15	16	17	18	9	10	11	12	13	14	15	14	15	16	17	18	19	20	11	12	13	14	15	16	17
19	20	21	22	23	24	25	16	17	18	19	20	21	22	21	22	23	24	25	26	27	18	19	20	21	22	23	24
26	27	28	29	30	31		23	24	25	26	27	28	29	28	29	30	31				25	26	27	28	29	30	31
							30																				

SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7			1	2	3	4	5						1	2	1	2	3	4	5	6	7
8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9	8	9	10	11	12	13	14
15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20	21
22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27	28
29	30						27	28	29	30	31			24	25	26	27	28	29	30	29	30	31				

For more information write to:

The University of Southern Mississippi
Box 5166
Hattiesburg, MS 39406-5166

RETURN SERVICE REQUESTED

PERIODICAL POSTAGE
Paid at Hattiesburg
MS 39402

AA/EOE/ADAI PPS37410 2/00